

LTV Steel Company

LTV

April 28, 1986

Certified Mail-Return Receipt Requested

Ohio Environmental Protection Agency
Solid and Hazardous Waste Management
Post Office Box 1049
Columbus, Ohio 43266
Attn: Mr. Thomas Crepeau

U.S. Environmental Protection Agency
Region V
Post Office Box A 3587
Chicago, Illinois 60604
Attn: RCRA Activities

RECEIVED
MAY 01 1986
SOLID WASTE BRANCH
U.S. EPA, REGION V

Re: Withdrawal of Part A RCRA Permit Application
LTV Steel Company, Inc.
Cleveland (East) Works
3100 East 45th Street
Cleveland, Ohio 44127
U.S. EPA ID No. OHD 004 218 673
(HWFAB #02-18-0186)

RECEIVED

MAY 01 1986
SWD - AIS
U.S. EPA, REGION V

Dear Readers:

Confirming previous verbal conversations, we are herewith submitting all required documentation to allow LTV Steel to withdraw the RCRA Part A permit for the Cleveland Works. This information also is submitted in response to Ohio EPA's letter of March 6, 1986 dealing with closure of tanks, and conforms to recent U.S. EPA letters regarding EPA Policy 121 for closure in place of tanks reverting to less than 90 day storage.

In conformance with a suggestion from Mr. Bill Muno of Region V of U.S. EPA, this submittal is in three parts:

1. Corrected of Part A to reflect current practice and regulations.
2. Closure in place of less than 90 day storage tanks.
3. Full closure of tanks no longer in use.

Certification statements, as required by 40 CFR 270.11, have been signed by W. G. Wiley, Vice President Flat Rolled, addressing the above information.

LTV Steel wishes to withdraw the subject Part A application and terminate its status as a hazardous waste storage facility. The Cleveland (East) Works wishes to continue to maintain its status as a generator of hazardous waste.

1. Corrected Part A

Republic Steel submitted the first application for a Part A permit on November 17, 1980 which was subsequently revised prior to entry into the

Hazardous Waste Facility Approval Board (HWFAB) Journal on December 28, 1981. Enclosed is Attachment 1-A which is the HWFAB permit.

Process Design Capacities listed were:

S02 - 158,460 Gallons

Attached (1-B) is a listing of the S02 storage facilities identified in the HWFAB permit.

On July 26, 1982, Republic Steel revised and corrected the Part A application to reflect regulatory and operational changes at the Cleveland Works. The application was resubmitted to the Hazardous Waste Facility Approval Board, the Ohio EPA and the U.S. EPA (Region V). On March 27, 1985, the Ohio EPA returned the July 26, 1982 reapplication explaining that there were no rules by which to process requests for permit changes. The letter from Ohio EPA is shown as attachment 1-C. In addition, no action was taken by any agency on the modification request because of the significant amount of time that had passed since the request was submitted. The Ohio EPA indicated that it was now in a position to consider a modification request and suggested that an updated permit change package be resubmitted should we still wish to pursue a change to the permit. The requested permit changes were never processed and the permit remains as originally issued.

The attached Part A application (2-A, 2-B, 2-C) dated April 28, 1986 has again been corrected by LTV Steel to reflect recent regulatory and operational changes at the Cleveland Works. Of the 158,460 gallons of storage allowed by the original application, the following amounts have been eliminated for the reasons listed:

<u>Desulfurization Tanks</u>	18,690	Desulfurization liquor not hazardous
	410	Desulfurization liquor not hazardous
<u>Coal Tar Sludge Mill Tank</u>	3,070	Recycled material (Closed Loop)
<u>Dumpsters (coal tar sludge</u>	4,761	Recycled material (Closed loop)
<u>and tar material)</u>		
	26,931	Gallons (TOTAL)

Additionally, the following item has been added to the total storage capacity:

<u>60" Electro-Plate Acid Tank</u>	15,000	Converted to Spent Pickle Liquor storage
------------------------------------	--------	--

This leaves a total of $(158,460 - 26,931 + 15,000 =)$ 146,529 gallons storage. This is the total amount enumerated on the attached Part A application. Also, note the name change from Republic Steel Corporation to LTV Steel Company, Inc.

2. Closure in place (less than 90 day storage)

The five storage tanks containing hazardous wastes listed in Attachment 3-A will be emptied within every 90 day period. Closure of these tanks falls under EPA Policy 121 guidelines and the required certifications are included

as Attachments 3-B and 3-C. The total amount of storage for these tanks is 71,529 gallons. Waste management procedures to assure compliance with the less than 90 day storage period are described as Attachment 3-D. The agencies' review and approval of the procedure is requested for these five storage tanks.

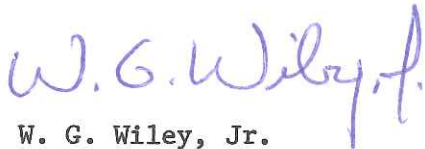
3. Full closure of storage tank

The three storage tanks at the 98" Pickle Line are no longer used for storage of spent pickle liquor. The appropriate closure documents are attached and listed as Attachments 4-A through 4-C. The total amount of storage for these tanks is 75,000 gallons. The agencies' review and approval of the closure plan is requested for these three storage tanks.

The description above accounts for all of the storage volume and hazardous wastes listed on the original HWFAB permit. Should you have any question regarding the withdrawal of the Cleveland (East) Works Part A application, please contact Mr. Larry Szuhay at (216) 429-6475.

Thank you for your consideration.

Very truly yours,

A handwritten signature in blue ink that reads "W. G. Wiley, Jr." with a stylized flourish at the end.

W. G. Wiley, Jr.
Vice President Flat Rolled

WGW/SH/fh

Attachments

cc: Kris Coder, Ohio EPA-Twinsburg

1818a

bcc: J. F. Bush
T. M. Girdler
S. Hansen
L. E. Larson
R. L. Nemeth (w/attachments)
S. Rihtar
L. A. Szuhay (w/attachments)
J. V. Stack
W. L. West
T. A. Zalenski

Withdrawal of Part A RCRA Permit Application
LTV Steel Company, Inc.
Cleveland (East) Works
3100 East 45th Street
Cleveland, Ohio 44127
U.S. EPA ID No. OHD 004 218 673
(HWFAB #02-18-0186)

A T T A C H M E N T S

1. Background Information

- 1-A Approved HWFAB Permit dated December 28, 1981
- 1-B SO2 storage facilities December 1981
- 1-C Letter from Ohio EPA dated March 27, 1985

2. Corrected Part A

- 2-A Part A Application dated April 28, 1986
 - Form 1
 - Form 3
- 2-B Facility Drawing and Topographic Map
- 2-C Facility Photographs
 - 1. 3 - Spent Pickle Liquor Storage Tanks (98")
 - 2. 2 - Spent Pickle Liquor Storage Tanks (84")
 - 3. 2 - Spent Pickle Liquor Storage Tanks (Electro Plate)
 - 4. 1 - Degreaser Sludge Storage Container (Electric Shop)

3. Closure in place (less than 90 day storage)

- 3-A Hazardous Waste Storage Tanks (April 1986)
- 3-B Container/Storage Closure Request (EPA Policy 121)
- 3-C Spill Certification Statement
- 3-D Hazardous Waste Management Procedures

4. Full closure of storage tank

- 4-A Tank Closure Plan dated April 28, 1986
- 4-B Facility Drawing
- 4-C Detailed Drawings
 - Foundation Location
 - Tank Detail (typical)



Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law (*Section 3010 of the Resource Conservation and Recovery Act*).

Comments

[illegible][illegible]

Street or P.O. Box

C 3		3	1	0	0		E	A	S	T			4	5	T	H		S	T	R	E	E	T												
City or Town																												State		ZIP Code					
C 4		C	L	E	V	E	L	A	N	D													O	H		4	4	1	2	7					

Street or Route Number

[illegible]

Name and Title (last, first, and job title)

6	N	E	M	E	T	H		R		S	U	P	T		E	N	V	I	R	2	1	6	4	2	9	6	3	7	0
---	---	---	---	---	---	---	--	---	--	---	---	---	---	--	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

A. Name of Installation's Legal Owner

C	L	T	V	S	T	E	E	L	C	O	I	N	C	P
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

A. Hazardous Waste Activity

☒ 1a. Generator ☐ 1b. Less than 1,000 kg/mo.

☐ 2. Transporter

☒ 3. Treater/Storer/Disposer

☐ 4. Underground Injection

☐ 5. Market or Burn Hazardous Waste Fuel
(enter "X" and mark appropriate boxes below)

☐ a. Generator Marketing to Burner

☐ b. Other Marketer

☐ c. Burner

B. Used Oil Fuel Activities

☒ 6. Off-Specification Used Oil Fuel
(enter 'X' and mark appropriate boxes below)

☐ a. Generator Marketing to Burner

☐ b. Other Marketer

☒ c. Burner

☐ 7. Specification Used Oil Fuel Marketer (or On site Burner)
Who First Claims the Oil Meets the Specification

APR - 1 1987

U.S. EPA REGION 9

☐ A. Utility Boiler☒ B. Industrial Boiler

☒ C. Industrial Furnace

☐ A. Air ☐ B. Rail ☐ C. Highway ☐ D. Water ☐ E. Other (specify) _____

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

☐ A. First Notification ☒ B. Subsequent Notification (complete item C)

C. Installation's EPA ID Number										
0	H	D	0	0	4	2	1	8	6	7

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

3. **Hazardous Wastes from Specific Sources.** Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 *CFR* Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

D. Listed Infectious Wastes. Enter the four-digit number from 40 *CFR* Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

E. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24)

☒ 4. Toxic
(DOOO)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date Signed _____

3/29/85

87-7174

Notification of Hazardous Waste Activity

Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law (*Section 3010 of the Resource Conservation and Recovery Act*).

[illegible]

Installation's EPA ID Number													Approved		Date Received (yr. mo. day)					
C												T/A	C							
F	0	H	D	0	0	4	2	1	8	6	7	3		1						

L	T	V		S	T	E	E	L		C	O		C	L	E	V	E		E	A	S	T								
---	---	---	--	---	---	---	---	---	--	---	---	--	---	---	---	---	---	--	---	---	---	---	--	--	--	--	--	--	--	--

[illegible][illegible]

Name and Title (last, first, and job title)													Phone Number (area code and number)																
C	N	E	M	E	T	H		R		S	U	P	T		E	N	V	I	R	2	1	6	4	2	9	6	3	7	0

A. Name of installation's Legal Owner															B. Type of Ownership (enter code)			
C R	L	T	V		S	T	E	E	L		C	O		I	N	C		P

A. Hazardous Waste Activity	B. Used Oil Fuel Activities
<input checked="" type="checkbox"/> 1a. Generator <input type="checkbox"/> 1b. Less than 1,000 kg/mo.	<input checked="" type="checkbox"/> 6. Off-Specification Used Oil Fuel <i>(enter 'X' and mark appropriate boxes below)</i>
<input type="checkbox"/> 2. Transporter	<input type="checkbox"/> a. Generator Marketing to Burner
<input checked="" type="checkbox"/> 3. Treater/Storer/Disposer	<input type="checkbox"/> b. Other Marketer
<input type="checkbox"/> 4. Underground Injection	<input checked="" type="checkbox"/> c. Burner
<input type="checkbox"/> 5. Market or Burn Hazardous Waste Fuel <i>(enter 'X' and mark appropriate boxes below)</i>	<input type="checkbox"/> 7. Specification Used Oil Fuel Marketer <i>(or On site Burner)</i> Who First Claims the Oil Meets the Specification
<input type="checkbox"/> a. Generator Marketing to Burner	
<input type="checkbox"/> b. Other Marketer	
<input type="checkbox"/> c. Burner	

☐ A. Utility Boiler ☒ B. Industrial Boiler ☒ C. Industrial Furnace

☐ A. Air ☐ B. Rail ☐ C. Highway ☐ D. Water ☐ E. Other (specify) _____

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

☐ A. First Notification ☒ B. Subsequent Notification (complete item C)

C. Installation's EPA ID Number											
0	H	D	0	0	4	2	1	8	6	7	3

X. Description of Hazardous Wastes (continued from front)

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

[illegible]

g. **Hazardous Wastes from Specific Sources.** Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

[illegible]

C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 *CFR* Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

your registration number which is _____																	
31			32			33			34			35			36		
37			38			39			40			41			42		
43			44			45			46			47			48		

D. Listed Infectious Wastes. Enter the four-digit number from 40 *CFR* Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

[illegible]

Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 261.21 — 261.24)

- ☒ 4. Toxic
(DOOO)

XI. Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Date Signed _____

3/29/87

March 27, 1987

U. S. EPA Region V
RCRA Activities
Waste Management Division
Post Office Box A-3587
Chicago, Illinois 60690

Subject: Notification of Hazardous Waste Activity
Installation Name Change

Gentlemen:

Enclosed please find completed EPA Form 8700-12, Notification of Hazardous Waste Activity, reflecting installation name change for the formerly named Republic Steel, Cleveland District to LTV Steel Company, Inc., Cleveland Works-East.

It is presumed that the installation EPA ID number, i.e., OHD 004218673, remains valid since only the name of the installation has been changed.

If there are any questions on this matter, please contact the undersigned.

J. M. Potwora for

J. M. Potwora
Environmental Management Engineer
Environmental Control

JMP/fh

Attachment

cc: Ohio Environmental Protection Agency
Division of Solid and Hazardous Waste Management
Technical Assistance and Waste Management Section
Post Office Box 1049
Columbus, Ohio 43266-1049
Attn: Ms. Karen Knudtsen

2841a

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APR - 1 1987

SWD - AIS
U.S. EPA, REGION V



UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION 5
RCRA ACTIVITIES
P.O. BOX A3587
CHICAGO, ILLINOIS 60690

RCRA ACTIVITIES

5-15-89

RE: EPA ID #: OH0004218673

In response to your request of 4-1-87, the following information has been updated on your notification:

Waste activity updated to include off-specification used oil. Name changed to LTV Steel. Waste codes added. Installation contact changes

Only your notification form has been revised. According to our records your company notified as a treater/storer/disposer (TSD) facility. Pursuant to 40 CFR Part 270.72 (or equivalent State regulations), you must submit a revised Part A permit application prior to changes in ownership or operational control. If you have ceased your TSD activities, you must go through closure pursuant to 40 CFR Part 264/265 Subpart G (or equivalent State regulations). If you have never operated as a TSD facility, you must withdraw your Part A permit application. If you are located in the authorized States of Illinois, Indiana, Michigan, Minnesota, or Wisconsin, you must comply with the States' equivalent to the above referenced Federal rules. You must also submit the necessary documentation to the State contacts on the attached list.

Please contact the appropriate State agency on the enclosure for further information. If your facility is located in Ohio, contact Mr. George Hamper of the U.S. Environmental Protection Agency's Ohio Technical Section at (312) 353-4789.

Failure to act on this is a serious violation and may subject you to Federal or State enforcement actions under Section 3008 of the Resource Conservation and Recovery Act (or equivalent State authority). If you have any questions concerning this letter contact Ms. Sharon Kiddon at (312) 886-6173.

Sincerely,

Arthur S. Kawatachi, Chief
Information Section
RCRA Program Management Branch

Enclosure

cc: State Agency
Part A File



ACKNOWLEDGEMENT OF NOTIFICATION
OF HAZARDOUS WASTE ACTIVITY
(VERIFICATION)

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER

• OHD004218673 REACKNOWLEDGEMENT

REPUBLIC STEEL CORP CLEVELAND DIST
3100 EAST 45TH STREET
CLEVELAND OH 44127

INSTALLATION ADDRESS

3100 EAST 45TH STREET
CLEVELAND OH 44127

U.S. ENVIRONMENTAL PROTECTION AGENCY
NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

INSTALLATION'S EPA I.D. NO.

OHDOO4218673

I. NAME OF INSTALLATION

II. INSTALLATION MAILING ADDRESS

III. LOCATION OF INSTALLATION

PLEASE PLACE LABEL IN THIS SPACE

INSTRUCTIONS: If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave Items I, II, and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law (Section 3010 of the Resource Conservation and Recovery Act).

FOR OFFICIAL USE ONLY

COMMENTS

INSTALLATION'S EPA I.D. NUMBER

APPROVED

DATE RECEIVED (yr., mo., & day)

FOHDOO4218673

A

800819

REPUBLIC STEEL CORP
CLEVELAND DIST.

I. NAME OF INSTALLATION

REPUBLIC STEEL CLEVELAND DISTRICT

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX

33100 EAST 45 TH STREET

CITY OR TOWN

CLEVELAND

ST.

ZIP CODE

OH 44127

III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER

33100 EAST 45 TH STREET

CITY OR TOWN

CLEVELAND

ST.

ZIP CODE

OH 44127

IV. INSTALLATION CONTACT

NAME AND TITLE (last, first, & job title)

PHONE NO. (area code & no.)

2 AGUIER L SUPT ENVIR CONTROL

216-622-6370

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER

8 REPUBLIC STEEL CORPORATION

B. TYPE OF OWNERSHIP (enter the appropriate letter into box)

F = FEDERAL
M = NON-FEDERAL

M

VI. TYPE OF HAZARDOUS WASTE ACTIVITY (enter "X" in the appropriate box(es))

☒ A. GENERATION☒ B. TRANSPORTATION (complete item VII)☒ C. TREAT/STORE/DISPOSE☐ D. UNDERGROUND INJECTION

VII. MODE OF TRANSPORTATION (transporters only - enter "X" in the appropriate box(es))

☐ A. AIR☐ B. RAIL☒ C. HIGHWAY☐ D. WATER☐ E. OTHER (specify):

VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.

☒ A. FIRST NOTIFICATION☐ B. SUBSEQUENT NOTIFICATION (complete item C)

C. INSTALLATION'S EPA I.D. NO.

OHDOO4218673

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.

I.D. - FOR OFFICIAL USE ONLY

5	6	7	8	9	10	11	12	13	14	15
W	0	H	D	0	0	4	2	1	8	6
1	2	3	4	5	6	7	8	9	10	11

IX. DESCRIPTION OF HAZARDOUS WASTES (continued from front)

A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

1 F 0 0 1 23 - 26	2 F 0 0 3 23 - 26	3 F 0 0 6 23 - 26	4 F 0 0 7 23 - 26	5 F 0 0 9 23 - 26	6 F 0 1 0 23 - 26
7 F 0 1 6 23 - 26	8 F 0 1 7 23 - 26	9 23 - 26	10 23 - 26	11 23 - 26	12 23 - 26

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13 K 0 6 2 23 - 26	14 K 0 6 3 23 - 26	15 K 0 8 7 23 - 26	16 23 - 26	17 23 - 26	18 23 - 26
19 23 - 26	20 23 - 26	21 23 - 26	22 23 - 26	23 23 - 26	24 23 - 26
25 23 - 26	26 23 - 26	27 23 - 26	28 23 - 26	29 23 - 26	30 23 - 26

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31 23 - 26	32 23 - 26	33 23 - 26	34 23 - 26	35 23 - 26	36 23 - 26
37 23 - 26	38 23 - 26	39 23 - 26	40 23 - 26	41 23 - 26	42 23 - 26
43 23 - 26	44 23 - 26	45 23 - 26	46 23 - 26	47 23 - 26	48 23 - 26

D. LISTED INFECTIOUS WASTES. Enter the four-digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49 23 - 26	50 23 - 26	51 23 - 26	52 23 - 26	53 23 - 26	54 23 - 26
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E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24.)

☐ 1. IGNITABLE
(D001)

☒ 2. CORROSIVE
(D002)

☐ 3. REACTIVE
(D003)

☒ 4. TOXIC
(D000)

X. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE

NAME & OFFICIAL TITLE (type or print)

DATE SIGNED

P. H. Ekberg, District Manager

8/19/80



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

230 SOUTH DEARBORN ST.

CHICAGO, ILLINOIS 60604

REPLY TO THE ATTENTION OF:

5HE-12

APR 3 1987

L. Aguiar
Republic Steel Corp. (Cleveland Dist)
3100 E. 45th St.
Cleveland, OH 44127

EPA ID Number: OHD-004-218-673

Re: Requirements for Generators,
Marketers and Burners of
Hazardous Waste and Used
Oil Fuels

Dear L. Aguiar:

This letter acknowledges that the United States Environmental Protection Agency (U.S. EPA) has received your Notification of Hazardous Waste Activity as required by the new Waste-As-Fuel regulations. These regulations were published in the November 29, 1985, Federal Register and apply to persons who generate, market, transport, or burn hazardous waste fuel or used oil fuel.

The following information highlights the administrative requirements for persons subject to the current Waste-As-Fuel regulations promulgated on November 29, 1985, in 40 CFR (Code of Federal Regulations) Part 266, Subparts D and E.

GENERATORS

Persons Generating Hazardous Waste Fuel. Generators that send their hazardous waste to a hazardous waste fuel marketer are subject to the 40 CFR Part 262 generator standards [see 40 CFR 266.32(a)]. Generators that market their hazardous waste fuel directly to burners are subject to both the 40 CFR Part 262 standards and the hazardous waste fuel marketer requirements [see 40 CFR 266.32(b)]. Generators that are burners are also subject to 40 CFR 266.35.

Persons Generating Used Oil Fuel. Used oil generators are exempt from the current Waste-As-Fuel regulations unless they: (1) market off-specification used oil fuel directly to a burner, or (2) burn off-specification used oil for energy recovery. Generators marketing directly to a burner are subject to 40 CFR 266.43. Generators burning off-specification used oil fuel are subject to 40 CFR 266.44.

MARKETERS

Persons Marketing Hazardous Waste Fuel. Persons who market hazardous waste fuel include the following: (1) generators marketing hazardous waste fuel directly to a burner, (2) persons who receive hazardous waste from generators and produce, process, or blend hazardous waste fuel, and (3) persons who distribute but do not process or blend hazardous waste fuel. Hazardous waste fuel marketers are required to have notified U.S. EPA of their hazardous waste fuel activities, have a U.S. EPA Identification Number, and market only to persons who have notified U.S. EPA and who burn the fuel only in industrial furnaces, industrial boilers, or utility boilers. These marketers are also required to comply with manifest requirements, certification of compliance with burning standards, recordkeeping requirements, and storage standards [see 40 CFR 266.34].

Persons Marketing Used Oil Fuel. 40 CFR 266.43 describes to whom the regulations for used oil marketing apply. The same requirements for persons marketing hazardous waste fuel apply to off-specification used oil fuel marketers, except for the manifest and storage requirements [see 40 CFR 266.43].

TRANSPORTERS

Persons Transporting Hazardous Waste Fuel. Persons who transport hazardous waste fuel are subject to the 40 CFR Part 263 standards for hazardous waste transporters. These persons are required to notify U.S. EPA of their Waste-As-Fuel activities. However, they are not required to renotify U.S. EPA of their hazardous waste transportation activities if they have already done so.

Persons Transporting Used Oil Fuel. Persons who transport used oil fuel, both on-specification and off-specification, are currently exempt from the Waste-As-Fuel regulations.

BURNERS

Persons Burning Hazardous Waste Fuel. Owners and Operators of industrial furnaces, industrial boilers and utility boilers that burn hazardous waste fuel are subject to the following: (1) notification to U.S. EPA of hazardous waste fuel activities, (2) manifest requirements, (3) certification with burner standards, (4) recordkeeping requirements, and (5) storage standards. Burners must also comply with the prohibitions on use in non-industrial boilers [see 40 CFR 266.35].

Persons Burning Used Oil Fuel. Owners and Operators of industrial furnaces, industrial boilers and utility boilers are subject to the same requirements as Hazardous Waste Fuel Burners except for the manifest and storage standards [see 40 CFR 266.47].

If you have any questions concerning this letter or the Waste-As-Fuel regulations, please contact either Ms. Shirlee Brauer at (312) 886-4591, or Ms. Laura Lodisio at (312) 886-7090 or the RCRA/Superfund Hotline at (800) 424-9436.

Sincerely,


Basil G. Constantelos, Director
Waste Management Division

Enclosure

FORM 3 RCRA		 HAZARDOUS WASTE PERMIT APPLICATION <i>Consolidated Permits Program</i> <small>(This information is required under Section 3005 of RCRA.)</small>	U.S. ENVIRONMENTAL PROTECTION AGENCY		I. EPA I.D. NUMBER <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 10%;">S</td><td style="width: 10%;">F</td><td style="width: 10%;">O</td><td style="width: 10%;">H</td><td style="width: 10%;">D</td><td style="width: 10%;">0</td><td style="width: 10%;">0</td><td style="width: 10%;">4</td><td style="width: 10%;">2</td><td style="width: 10%;">1</td><td style="width: 10%;">8</td><td style="width: 10%;">6</td><td style="width: 10%;">7</td><td style="width: 10%;">3</td><td style="width: 10%;">T/A</td><td style="width: 10%;">C</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr></table>		S	F	O	H	D	0	0	4	2	1	8	6	7	3	T/A	C	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16																																																			
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II. FIRST OR REVISED APPLICATION																																																																																									
<p>Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.</p>																																																																																									
<div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p>A. FIRST APPLICATION (place an "X" below and provide the appropriate date)</p><div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p><input type="checkbox"/> 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)</p><div style="display: flex; justify-content: space-between;"><div style="width: 20%;"><table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 10%;">C</td><td style="width: 10%;">YR.</td><td style="width: 10%;">MO.</td><td style="width: 10%;">DAY</td></tr><tr><td>8</td><td></td><td></td><td></td></tr><tr><td>13</td><td>73</td><td>74</td><td>75</td><td>76</td><td>77</td><td>78</td></tr></table></div><div style="width: 80%;"><p>FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)</p></div></div></div><div style="width: 48%;"><p><input type="checkbox"/> 2. NEW FACILITY (Complete item below.)</p><div style="display: flex; justify-content: space-between;"><div style="width: 20%;"><table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 10%;">C</td><td style="width: 10%;">YR.</td><td style="width: 10%;">MO.</td><td style="width: 10%;">DAY</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>13</td><td>73</td><td>74</td><td>75</td><td>76</td><td>77</td><td>78</td></tr></table></div><div style="width: 80%;"><p>FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN</p></div></div></div></div></div></div>																C	YR.	MO.	DAY	8				13	73	74	75	76	77	78	C	YR.	MO.	DAY					13	73	74	75	76	77	78																																												
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III. PROCESSES - CODES AND DESIGN CAPACITIES																																																																																									
<p>A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).</p>																																																																																									
<p>B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.</p> <div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p>1. AMOUNT - Enter the amount.</p><p>2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.</p></div><div style="width: 48%;"><table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 20%;">PROCESS</th><th style="width: 10%;">PRO-CESS CODE</th><th style="width: 30%;">APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY</th><th style="width: 20%;">PROCESS</th><th style="width: 10%;">PRO-CESS CODE</th><th style="width: 30%;">APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY</th></tr></thead><tbody><tr><td colspan="6">Storage:</td></tr><tr><td>CONTAINER (barrel, drum, etc.)</td><td>S01</td><td>GALLONS OR LITERS</td><td>TANK</td><td>T01</td><td>GALLONS PER DAY OR LITERS PER DAY</td></tr><tr><td>WASTE PILE</td><td>S02</td><td>GALLONS OR LITERS</td><td>SURFACE IMPOUNDMENT</td><td>T02</td><td>GALLONS PER DAY OR LITERS PER DAY</td></tr><tr><td></td><td>S03</td><td>CUBIC YARDS OR CUBIC METERS</td><td>INCINERATOR</td><td>T03</td><td>TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR</td></tr><tr><td>SURFACE IMPOUNDMENT</td><td>S04</td><td>GALLONS OR LITERS</td><td></td><td>T04</td><td>GALLONS PER DAY OR LITERS PER DAY</td></tr><tr><td colspan="6">Disposal:</td></tr><tr><td>INJECTION WELL</td><td>D73</td><td>GALLONS OR LITERS</td><td colspan="3" rowspan="5">OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)</td></tr><tr><td>LANDFILL</td><td>D80</td><td>ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER</td></tr><tr><td>LAND APPLICATION</td><td>D81</td><td>ACRES OR HECTARES</td></tr><tr><td>OCEAN DISPOSAL</td><td>D82</td><td>GALLONS PER DAY OR LITERS PER DAY</td></tr><tr><td>SURFACE IMPOUNDMENT</td><td>D83</td><td>GALLONS OR LITERS</td></tr></tbody></table></div></div>																PROCESS	PRO-CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PRO-CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	Storage:						CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS	TANK	T01	GALLONS PER DAY OR LITERS PER DAY	WASTE PILE	S02	GALLONS OR LITERS	SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY		S03	CUBIC YARDS OR CUBIC METERS	INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR	SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS		T04	GALLONS PER DAY OR LITERS PER DAY	Disposal:						INJECTION WELL	D73	GALLONS OR LITERS	OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)			LANDFILL	D80	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER	LAND APPLICATION	D81	ACRES OR HECTARES	OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY	SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS														
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<p>EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.</p>																																																																																									
<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td colspan="4" style="text-align: center;">C</td><td colspan="4" style="text-align: center;">DUP</td><td colspan="4" style="text-align: center;">T/A C</td><td colspan="4" style="text-align: center;">1</td></tr><tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr></table>																C				DUP				T/A C				1																																																													
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III. PROCESSES (continued)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE CODE
POUNDS. P
TONS. T

METRIC UNIT OF MEASURE CODE
KILOGRAMS. K
METRIC TONS. M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES**1. PROCESS CODES:**

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)		D. PROCESSES									
	1. PROCESS CODES (enter)								2. PROCESS DESCRIPTION (if a code is not entered in D(1))								
X-1	K	0	5	4	900		P	T	0	3	D	8	0				
X-2	D	0	0	2	400		P	T	0	3	D	8	0				
X-3	D	0	0	1	100		P	T	0	3	D	8	0				
X-4	D	0	0	2													included with above

NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

Form Approved OMB No. 158-S80004

EPA I.D. NUMBER (enter from page 1)															FOR OFFICIAL USE ONLY												
S T/A C															S T/A C												
W	0	H	D	0	0	4	2	1	8	6	7	3	1		W	DUP								2	DUP		
1	2											13	14	15	23	24	25	26									
IV. DESCRIPTION OF HAZARDOUS WASTES (continued)																											
LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)					B. ESTIMATED ANNUAL QUANTITY OF WASTE					C. UNIT OF MEASURE (enter code)		D. PROCESSES														
	23	24	25	26	27	28	29	30	31	32	33	34	1. PROCESS CODES (enter)										2. PROCESS DESCRIPTION (if a code is not entered in D(1))				
1	F	0	0	1		11					T		S	0	2												Recycled on coal to coke battery using Sludge Mill
2	F	0	0	3		15					T		S	0	2												" " "
3	K	0	8	7		4,140					T		S	0	2												" " "
4	K	0	6	2		53,500					T		S	0	2												Stored and reused, regenerated or treated and disposed off-site.
5																											
6																											
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26																											

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)**E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.**

EPA I.D. NO. (enter from page 1)

S	F	O	H	D	O	4	2	1	8	6	7	3	6
T/A/C													

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

LONGITUDE (degrees, minutes, & seconds)

4	1	2	8	1	4	N
65	66	67	68	69	70	71

0	8	1	4	0	0	5	W
72	73	74	75	76	77	78	79

VIII. FACILITY OWNER

- ☐ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code & no.)

1. NAME OF FACILITY'S LEGAL OWNER												2. PHONE NO. (area code & no.)											
E																							
3. STREET OR P.O. BOX												4. CITY OR TOWN											
F												G											
5. ST.												6. ZIP CODE											

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

P. N. Wigton, Vice President
Steel Operations

B. SIGNATURE

P. N. Wigton

C. DATE SIGNED

7/26/87

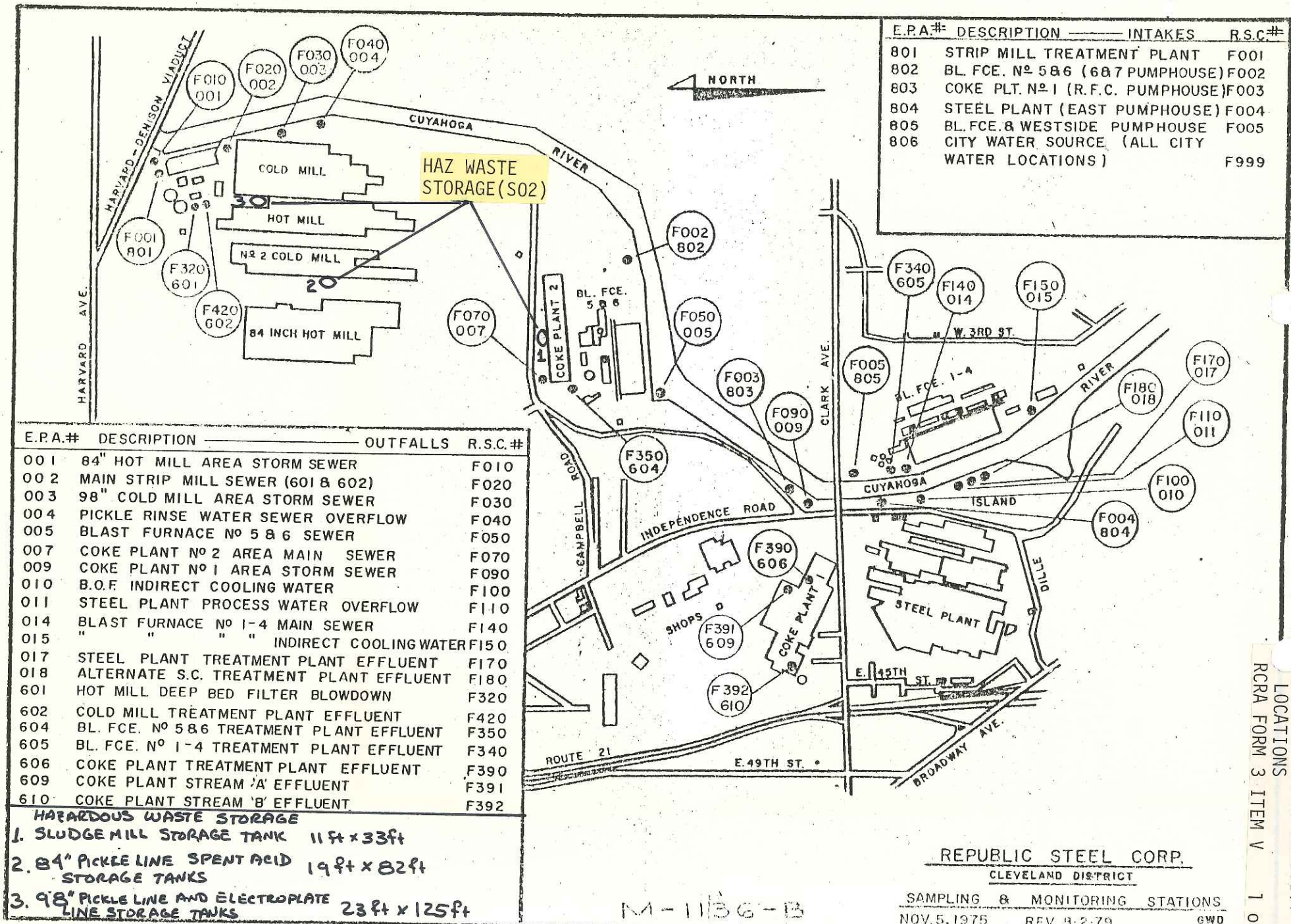
X. OPERATOR CERTIFICATION

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A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED



CONTINUE ON REVERSE

III. PROCESSES (continued)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. **EPA HAZARDOUS WASTE NUMBER** — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. **ESTIMATED ANNUAL QUANTITY** — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. **UNIT OF MEASURE** — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE
POUNDS.....	P
TONS.....	T

METRIC UNIT OF MEASURE	CODE
KILOGRAMS.....	K
METRIC TONS.....	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES**1. PROCESS CODES:**

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

- Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
- Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZ. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
				1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above

NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

Form Approved OMB No. 158-S80004

EPA I.D. NUMBER (enter from page 1)															FOR OFFICIAL USE ONLY												
<div style="display: flex; justify-content: space-between;"> W 0 H 0 0 0 4 2 1 8 6 7 3 T/A C 1 </div>															<div style="display: flex; justify-content: space-between;"> W 1 2 DUP T/A C 2 DUP </div>												
IV. DESCRIPTION OF HAZARDOUS WASTES (continued)																											
LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES																							
				1. PROCESS CODES (enter)								2. PROCESS DESCRIPTION (if a code is not entered in D(1))															
23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	F 0 0 1	11	T	S 0 2																							Recycled on coal to coke battery using sludge mill
2	F 0 0 3	15	T	S 0 2																							" " "
3	F 0 1 7	290	P	S 0 2																							" " "
4	K 0 8 7	4,140	T	S 0 2																							" " "
5	K 0 6 2	53,500	T	S 0 2																							
6	D 0 0 2	300	T	S 0 1	S 0 2																						Coke Oven Gas Desulfurization Sludge and Liquor.
7	D 0 0 2	388,355	T	T 0 1																							Coke Plant Waste Ammonia Liquor
8	D 0 0 2	887,230	T	T 0 1																							Strip Mill Pickle Rinse Water
9																											
10																											
11																											
12																											
13																											
14																											
15																											
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24																											
25																											
26																											

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

EPA I.D. NO. (enter from page 1)															
S	F	0	H	D	0	0	4	2	1	8	6	7	3	T/A	C
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)										LONGITUDE (degrees, minutes, & seconds)									
4	1	2	8	0	1	4	0	8	1	4	0	0	5						
55	56	57	58	59	60	61	72	73	74	75	76	77	78	79					

VIII. FACILITY OWNER

☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER										2. PHONE NO. (area code & no.)									
E										55 56 57 58 59 60 61 62 63									
3. STREET OR P.O. BOX										4. CITY OR TOWN									
F										G									
5. ST.										6. ZIP CODE									
15 16										40 41 42 43 44 45 46 47 48 49									

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type) P. N. WIGTON, Vice President Steel Operations	B. SIGNATURE <i>P. N. Wigton</i>	C. DATE SIGNED 11-17-80
---	-------------------------------------	----------------------------

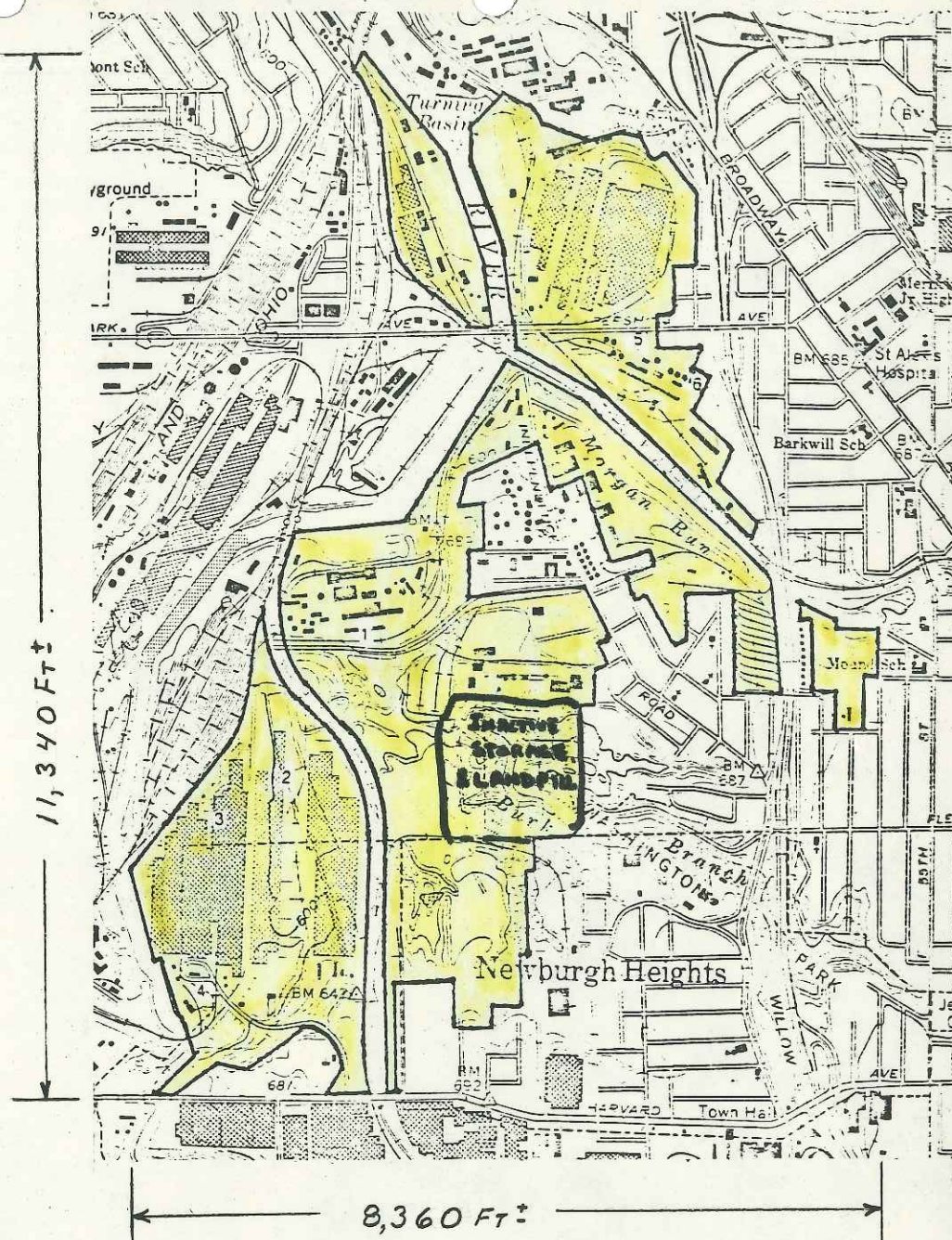
X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)	B. SIGNATURE	C. DATE SIGNED

V. FACILITY DRAWING (see page 4)

519



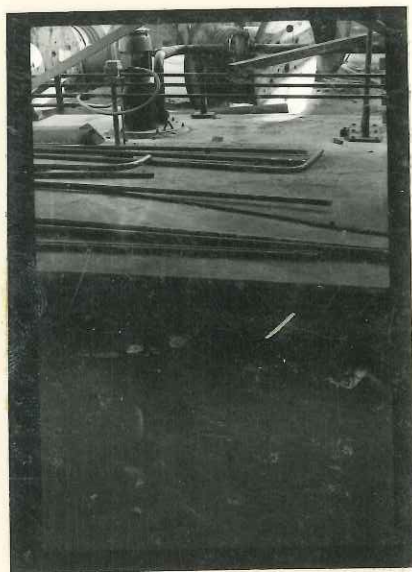
- 1 SLUDGE MILL 11' X 33' ±
- 2 84" PICKLER SPENT PICKLE LIQUOR TANKS AREA 19' X 82' ±
- 3 98" PICKLER SPENT PICKLE LIQUOR TANKS AREA 23' X 125' ±
- 4 PICKLE RINSE WATER NEUTRALIZATION & OXIDATION TANK AREA 68' X 19' ±
- 5 COKE OVEN GAS DESULFURIZATION:
 - DISPOSAL SUMP 12' X 9' ±
 - DRUM STORAGE AREA 21' X 9' ±
- 6 COKE PLANT WATER TREATMENT PLANT 182' X 135' ±

Form 3 ITEM V (PAGE 1 OF 1)

519



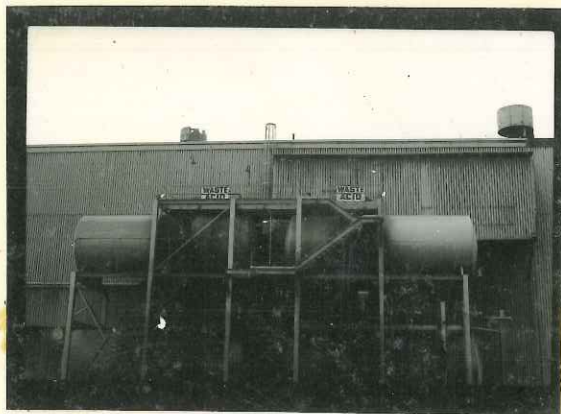
SLUDGE MILL STORAGE



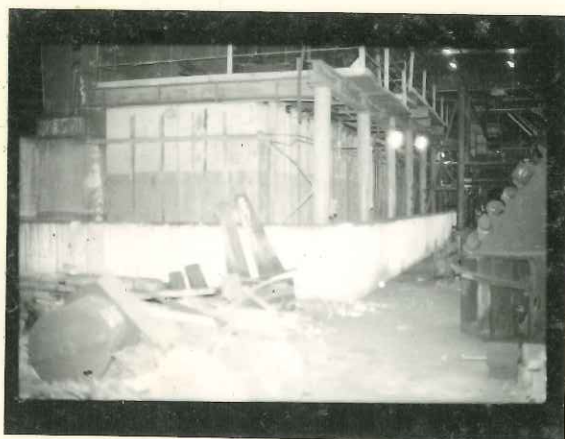
COKE OVEN GAS DESULFURIZATION
DISPOSAL SUMP



DRUM STORAGE AREA



84" PICKLER SPENT PICKLE
LIQUOR STORAGE TANK



98" PICKLER SPENT PICKLE
LIQUOR STORAGE TANKS



PICKLE RINSE WATER
NEUTRALIZATION AND
OXIDATION TANK



10813F

COME PLANT WATER TREATMENT PLANT

SECTION VI (PAGE 3 OF 3)

TERMS AND CONDITIONS (General)

1. Only those hazardous wastes as identified by the U.S. EPA Hazardous Waste Number(s) set forth in the approved permit application, attached hereto, may be managed at the facility and only pursuant to the specified processes and design capacities indicated and set forth in the approved permit application.
2. The Permittee and the facility shall comply with all applicable performance standards adopted by the Director of Environmental Protection pursuant to Division (D) of Section 3734.12 of the Revised Code.
3. The Permittee and the facility shall comply with all applicable requirements of Chapter 3734 of the Revised Code, the Ohio Hazardous Waste Rules, and the federal statutes and regulations concerning hazardous waste.
4. This permit shall expire three years after its date of issuance. The date of issuance is the date the resolution to issue the permit was passed by the Board.
5. This permit, in accordance with the procedures of the Board, may be modified, revoked, or alternatively revoked and reissued, to comply with applicable provisions of Chapter 3734 of the Revised Code or the Ohio Hazardous Waste Rules.
6. The annual permit fee, payable to the Treasurer of State, shall be submitted to and received by the Board on or before the anniversaries of the date of issuance, during the term of the permit.
7. Unless otherwise specifically provided, all studies, reports, data, plans and other information required to be submitted by this permit shall be transmitted to:

Hazardous Waste Facility Approval Board
P.O. Box 1049
361 East Broad Street
Columbus, Ohio 43216

The permit number shall be indicated on the transmittal letter.

THIS COPY IS TO BE FILED IN THE RECORDS OF THE OHIO HAZARDOUS WASTE FACILITY APPROVAL BOARD

I CERTIFY THIS COPY TO BE A TRUE AND ACCURATE COPY OF THE OFFICIAL DOCUMENT AS FILED IN THE RECORDS OF THE OHIO HAZARDOUS WASTE FACILITY APPROVAL BOARD

BY

ck

DATE

12/31/81

TERMS AND CONDITIONS (Special)

NOT APPLICABLE

HAZARADOUS WASTE FACILITY
APPROVAL BOARD

DEC 28 1981

ENTERED BOARD'S JOURNAL

ATTACHMENT 1-B

Republic Steel Company

Cleveland Plant

WASTE STORAGE TANKS

December 1981

Coal Tar Sludge Mill - #2 Coke Plant
10 - Recycle Dumpsters

3,070 gallon tank ✓
5,290 gallon containers

Don 4761

84" Pickle Line
(Spent Hydrochloric Acid)

25,000 gallon tank ✓
25,000 gallon tank ✓

98" Pickle Line
(Spent Hydrochloric Acid)

25,000 gallon tank ✓
25,000 gallon tank ✓
25,000 gallon tank ✓

60" Electroplate Line
(Spent Hydrochloric Acid)

6,000 gallon tank ✓

Desulfurization of COG
(Liquor and Sludges)

18,690 gallon tank ✓
410 gallon tank ✓

TOTAL

158,460 gallons

RECEIVED

JAN 05 1982

ATTACHMENT 1-A



P.O. Box 1049
361 E. Broad St.
Columbus, Ohio 43216
(614) 462-6981

ENVIRONMENTAL CONTROL DEPT.
hazardous waste facility approval • board
CLEVELAND DISTRICT

James A. Rhodes, Governor
Wayne S. Nichols, Chairman

Republic Steel
Cleveland District
3100 East 45th Street
Cleveland, Ohio 44127

Re: Permit No. 02-18-0186

DEC 28 1981

Attn: L. Aguiar

Dear Permittee:

Transmitted herewith is a certified copy of your Hazardous Waste Facility Installation and Operation Permit (Permit) as such permit was entered into the Journal of the Board. The permit consists of the following:

- 1) The standardized permit form (Findings and Conclusions and Issuance).
- 2) Terms and Conditions as approved by the Board (Special Terms and Conditions applicable to all permittees and Special Terms and Conditions for specific facilities).
- 3) Portions of the approved Part A permit application indicating the approved hazardous waste processes and design capacities and those hazardous wastes, identified by U.S. EPA Hazardous Waste Number, to be managed at the facility.

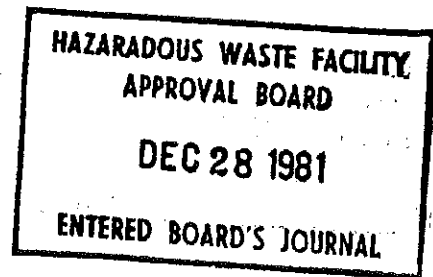
Processes, design capacities, and/or specific hazardous wastes which are stricken through or crossed out on the Part A permit application are not included in the approved permit. Unless otherwise notified by certified mail and afforded the opportunity for an adjudication hearing before the Board, all such deletions have occurred with the authorization of the applicant or his representative.

You are encouraged to carefully read the permit in its entirety. Any questions or comments concerning its content should be addressed to:

Ms. Peggy J. Vince
Executive Director
Hazardous Waste Facility Approval Board
P.O. Box 1049
361 East Broad Street
Columbus, OH 43216
(614) 462-6981

I CERTIFY THIS COPY TO BE A TRUE AND
ACCURATE COPY OF THE OFFICIAL DOCUMENT
AS FILED IN THE RECORDS OF THE OHIO
HAZARDOUS WASTE FACILITY APPROVAL BOARD

BY CR EPA 9003 DATE 12/31/81



RECEIVED
JAN 20 1982

CLERK AND DISTRICT
ADMINISTRATIVE OFFICE

YOU ARE HEREBY ADVISED THAT: All appeals of these matters are to the Court of Appeals of Franklin County, 369 South High St., Columbus, Ohio 43215, Attn: Deputy Clerk, and shall be pursuant to the provisions of Section 3734.05(C)(7) of the Revised Code.

Sincerely,

Peggy J. Vince

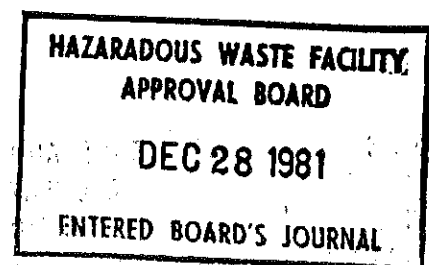
Peggy J. Vince
Executive Director

PJV/ss

Enclosure

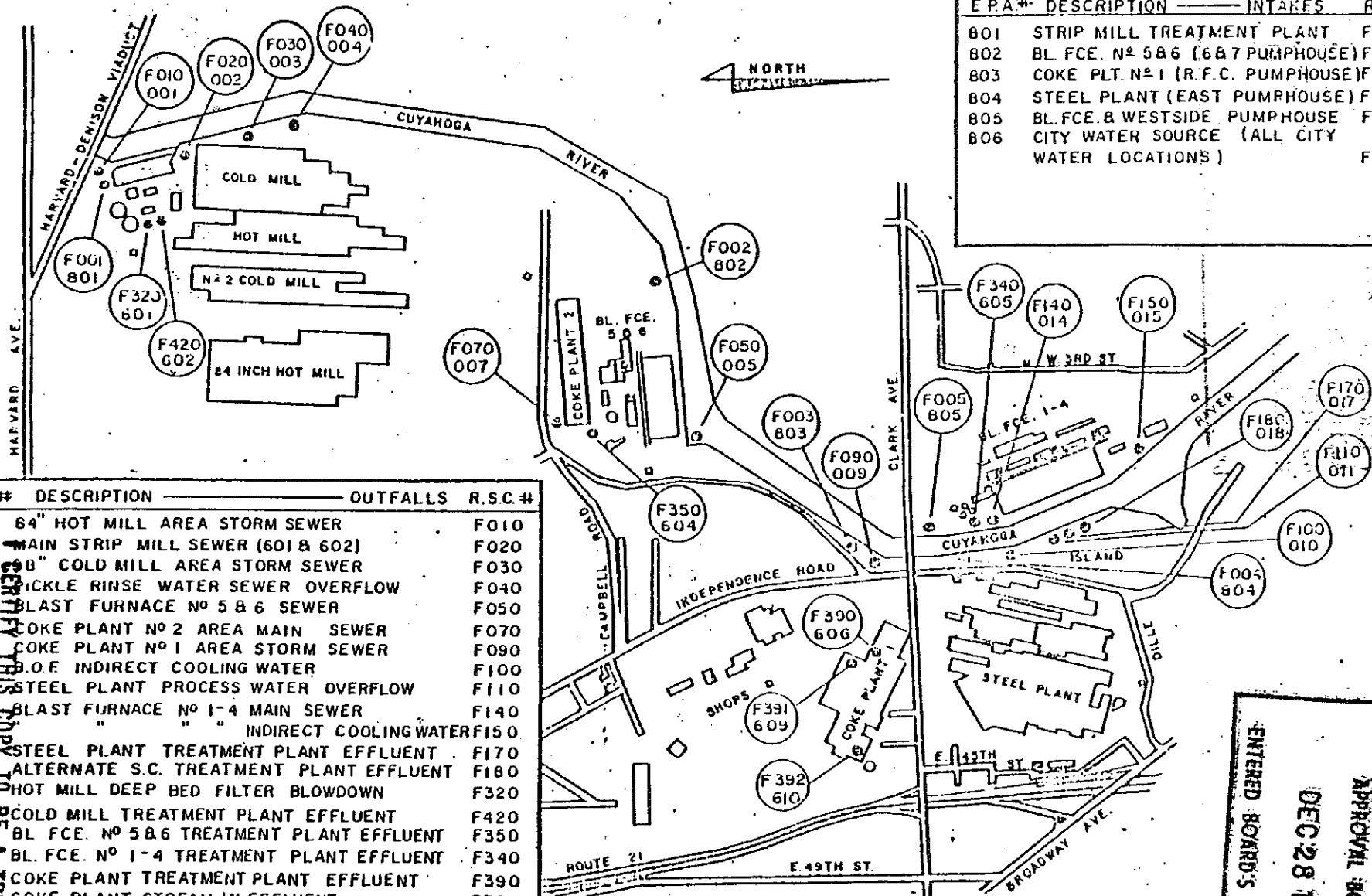
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HAZARDOUS WASTE FACILITY APPROVAL BOARD

BY ck DATE 12/31/81



Form 1 Item XI 2044

EPA#	DESCRIPTION	INTAKES	R.S.C.#
801	STRIP MILL TREATMENT PLANT	F001	
802	BL. FCE. N° 5 & 6 (6 & 7 PUMPHOUSE)	F002	
803	COKE PLT. N° 1 (R.F.C. PUMPHOUSE)	F003	
804	STEEL PLANT (EAST PUMPHOUSE)	F004	
805	BL. FCE. & WESTSIDE PUMPHOUSE	F005	
806	CITY WATER SOURCE (ALL CITY WATER LOCATIONS)	F999	



E.P.A.#	DESCRIPTION	OUTFALLS	R.S.C.#
001	84" HOT MILL AREA STORM SEWER	F010	
002	MAIN STRIP MILL SEWER (601 & 602)	F020	
003	88" COLD MILL AREA STORM SEWER	F030	
004	PICKLE RINSE WATER SEWER OVERFLOW	F040	
005	BLAST FURNACE N° 5 & 6 SEWER	F050	
007	COKE PLANT N° 2 AREA MAIN SEWER	F070	
009	COKE PLANT N° 1 AREA STORM SEWER	F090	
100	COKE PLANT N° 1 AREA STORM SEWER	F100	
110	STEEL PLANT PROCESS WATER OVERFLOW	F110	
140	BLAST FURNACE N° 1-4 MAIN SEWER	F140	
150	INDIRECT COOLING WATER	F150	
170	STEEL PLANT TREATMENT PLANT EFFLUENT	F170	
180	ALTERNATE S.C. TREATMENT PLANT EFFLUENT	F180	
320	HOT MILL DEEP BED FILTER BLOWDOWN	F320	
420	COLD MILL TREATMENT PLANT EFFLUENT	F420	
350	BL. FCE. N° 5 & 6 TREATMENT PLANT EFFLUENT	F350	
340	BL. FCE. N° 1-4 TREATMENT PLANT EFFLUENT	F340	
390	COKE PLANT TREATMENT PLANT EFFLUENT	F390	
391	COKE PLANT STREAM 'A' EFFLUENT	F391	
392	COKE PLANT STREAM 'B' EFFLUENT	F392	

HAZARDOUS WASTE FACILITY
APPROVAL BOARD
DEC 28 1981
ENTERED BOARD'S JOURNAL

REPUBLIC STEEL CORP.
CLEVELAND DISTRICT
SAMPLING & MONITORING STATIONS
NOV 5, 1975 REV 8 2 79 GWD

M-1136-E

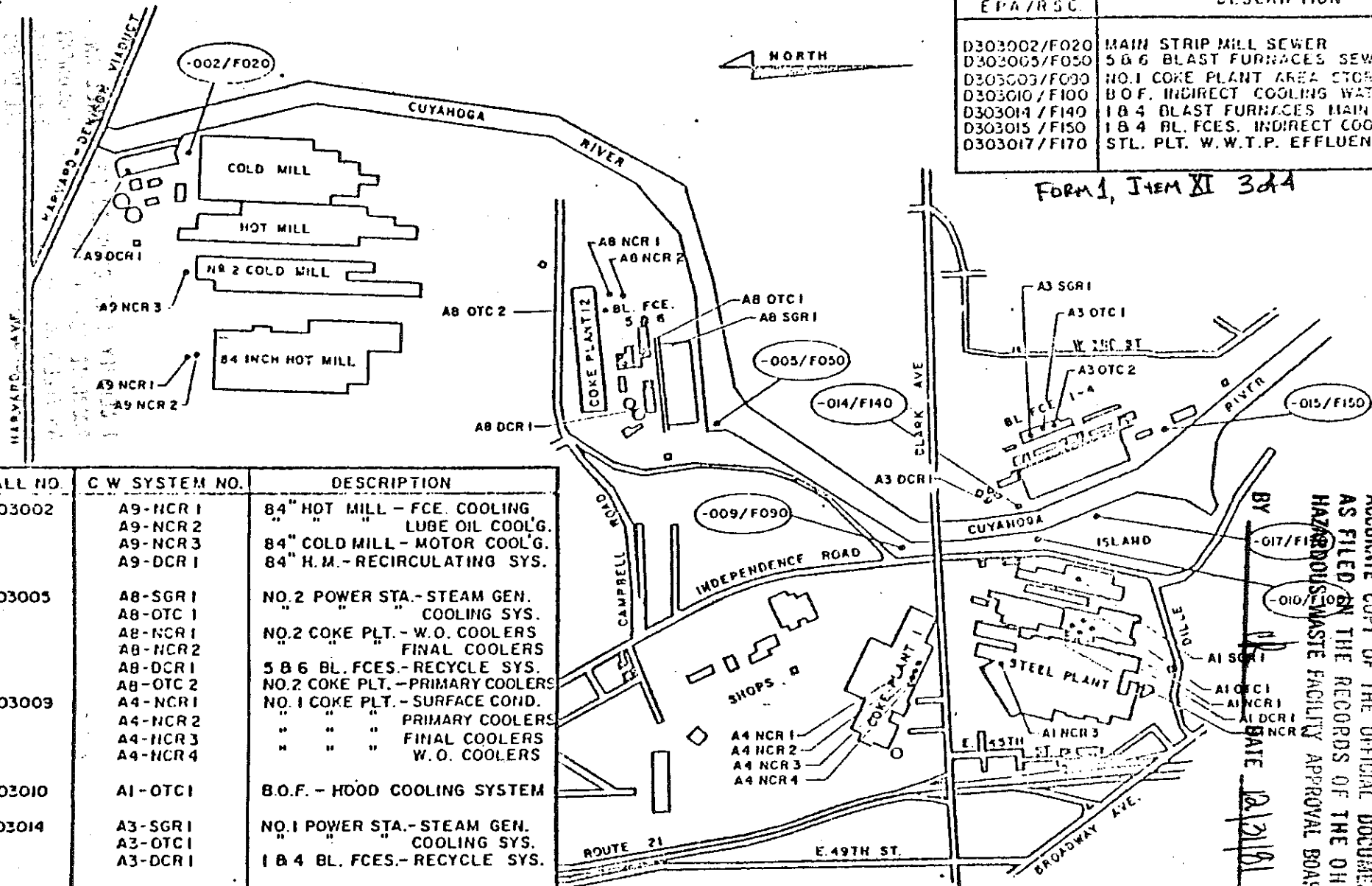
BY PK DATE 12/31/81

HAZARDOUS WASTE FACILITY APPROVAL BOARD
ACCURATE COPY OF THESE RECORDS TO BE A TRUE AND
CORRECT COPY OF THE RECORDS OF THE CHIEF

OUTFALL NO. EPA/RSC	DESCRIPTION
D303002/F020	MAIN STRIP MILL SEWER
D303003/F030	5 & 6 BLAST FURNACES SEWER
D303003/F030	NO.1 COKE PLANT AREA STORM SEWER
D303010/F100	B.O.F. INDIRECT COOLING WATER
D303014/F140	1 & 4 BLAST FURNACES MAIN SEWER
D303015/F150	1 & 4 BL. FCES. INDIRECT COOLING WTR
D303017/F170	STL. PLT. W.W.T.P. EFFLUENT

FORM 1, ITEM XI 344

OUTFALL NO.	C W SYSTEM NO.	DESCRIPTION
D303002	A9-NCR 1 A9-NCR 2 A9-NCR 3 A9-DCR 1	84" HOT MILL - FCE. COOLING LUBE OIL COOL'G. 84" COLD MILL - MOTOR COOL'G. 84" H.M. - RECIRCULATING SYS.
D303005	A8-SGR 1 A8-OTC 1 A8-NCR 1 A8-NCR 2 A8-DCR 1 A8-OTC 2	NO.2 POWER STA. - STEAM GEN. COOLING SYS. NO.2 COKE PLT. - W.O. COOLERS FINAL COOLERS 5 & 6 BL. FCES. - RECYCLE SYS. NO.2 COKE PLT. - PRIMARY COOLERS
D303009	A4-NCR 1 A4-NCR 2 A4-NCR 3 A4-NCR 4	NO.1 COKE PLT. - SURFACE COND. PRIMARY COOLERS FINAL COOLERS W.O. COOLERS
D303010	A1-OTC 1	B.O.F. - HOOD COOLING SYSTEM
D303014	A3-SGR 1 A3-OTC 1 A3-DCR 1	NO.1 POWER STA. - STEAM GEN. COOLING SYS. 1 & 4 BL. FCES. - RECYCLE SYS.
D303015	A3-OTC 2	NO.1 POWER STA. - COOLING SYS.
D303017	A1-NCR 1 A1-NCR 2 A1-DCR 1 A1-NCR 3 A1-SGR 1	B.O.F. - HOOD COOLING SYSTEM LANCE COOLING SYSTEM S.C. RECYCLE SYSTEM 45" SLAB MILL - MOTOR COOLING NO. 234 BOILER - STEAM GEN.



ENTERED BOARD'S JOURNAL

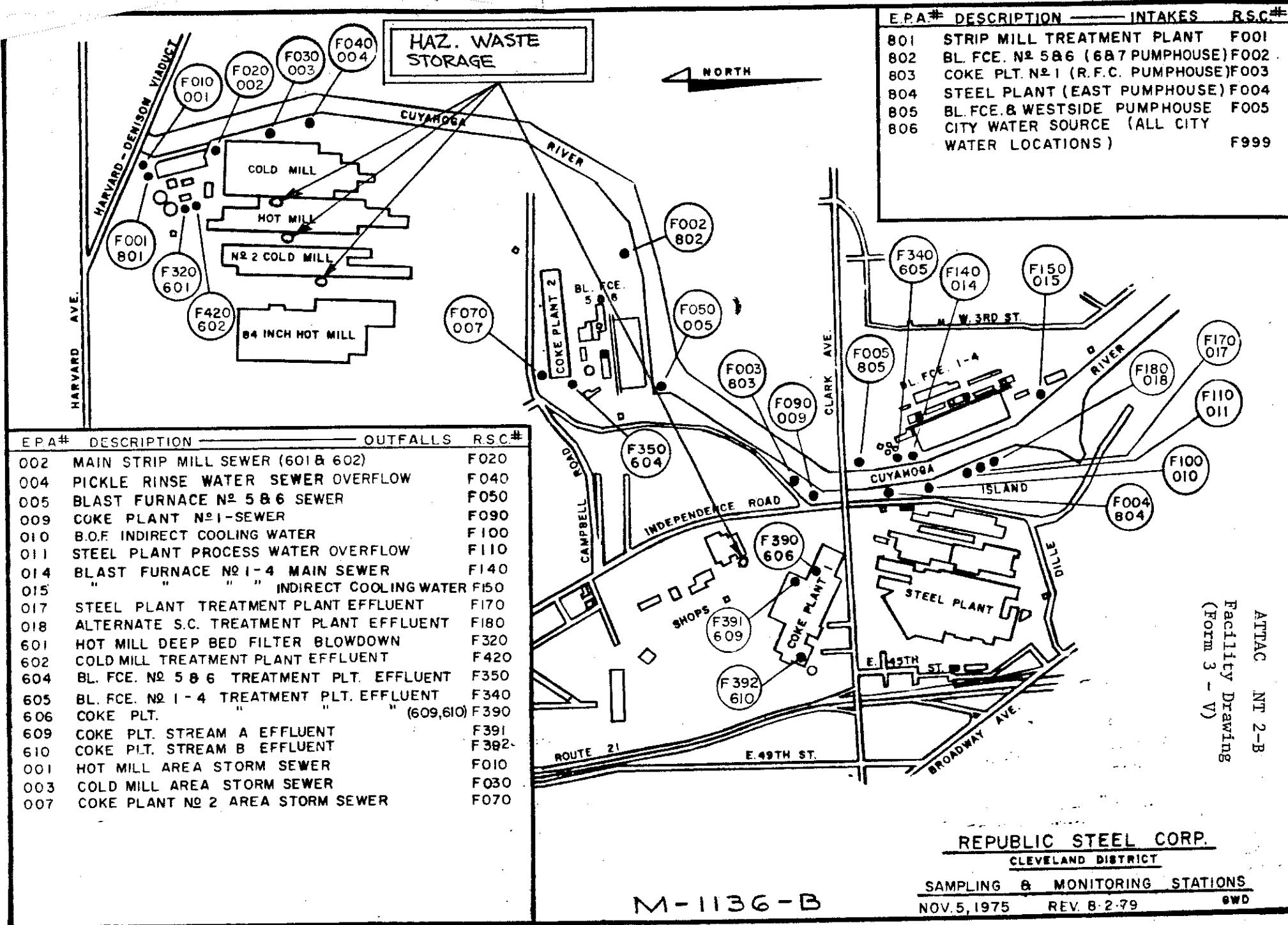
DEC 2 1981

HAZARDOUS WASTE FACILITY
APPROVAL BOARD

REPUBLIC STEEL CORP.
CLEVELAND DISTRICT
COOLING WATER SYSTEMS

I CERTIFY THIS COPY TO BE A TRUE AND
ACCURATE COPY OF THE ORIGINAL DOCUMENT
AS FILED IN THE RECORDS OF THE OHIO
HAZARDOUS WASTE FACILITY APPROVAL BOARD
DATE 12/21/81

0182



FORM 1 GENERAL		ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION Consolidated Permits Program <i>(Read the "General Instructions" before starting.)</i>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="12">I. EPA I.D. NUMBER</th> </tr> <tr> <td style="width:2.5%;">6</td><td style="width:2.5%;">F</td><td style="width:2.5%;">O</td><td style="width:2.5%;">H</td><td style="width:2.5%;">D</td><td style="width:2.5%;">0</td><td style="width:2.5%;">0</td><td style="width:2.5%;">4</td><td style="width:2.5%;">2</td><td style="width:2.5%;">1</td><td style="width:2.5%;">8</td><td style="width:2.5%;">6</td><td style="width:2.5%;">7</td><td style="width:2.5%;">3</td><td style="width:2.5%;">D</td> </tr> </table>	I. EPA I.D. NUMBER												6	F	O	H	D	0	0	4	2	1	8	6	7	3	D
I. EPA I.D. NUMBER																														
6	F	O	H	D	0	0	4	2	1	8	6	7	3	D																
LABEL ITEMS I. EPA I.D. NUMBER III. FACILITY NAME V. FACILITY MAILING ADDRESS VI. FACILITY LOCATION		PLEASE PLACE LABEL IN THIS SPACE		GENERAL INSTRUCTIONS If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.																										

II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK 'X'			SPECIFIC QUESTIONS	MARK 'X'		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	X		X	D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X		X	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

III. NAME OF FACILITY

1	SKIP	LTV STEEL COMPANY, INC.
---	------	-------------------------

IV. FACILITY CONTACT

A. NAME & TITLE (last, first, & title)	B. PHONE (area code & no.)
2 NEMETH, RL SUPT ENVIRON CTRL	216 429 6370

V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX			
3 3100 EAST 45TH STREET			
B. CITY OR TOWN		C. STATE	D. ZIP CODE
4 CLEVELAND		OH	44127

VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER			
5 3100 EAST 45TH STREET			
B. COUNTY NAME			
CUYAHOGA			
C. CITY OR TOWN		D. STATE	E. ZIP CODE
6 CLEVELAND		OH	44127
		F. COUNTY CODE (if known)	

VIII. OPERATOR INFORMATION

X. EXISTING ENVIRONMENTAL PERMITS

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

Integrated Steel Plant producing zinc coated sheets and coil; bar products; hot rolled coil and strip; cold rolled coil and strip; coke plant by-products, and merchant iron.

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

COMMENTS FOR OFFICIAL USE ONLY	
C	
11	11

FORM 1 **EPA** ENVIRONMENTAL PROTECTION AGENCY
HAZARDOUS WASTE PERMIT APPLICATION
 Consolidated Permits Program
 (This information is required under Section 3005 of RCRA.)

I. EPA I.D. NUMBER

S	F	O	H	D	0	0	4	2	1	8	6	7	3	T/A/C
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)	COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

☐ 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)

FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)

☒ 1. FACILITY HAS INTERIM STATUS

☐ 2. NEW FACILITY (Complete item below.)

FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN

☐ 2. FACILITY HAS A RCRA PERMIT

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.

2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS
TANK	S02	GALLONS OR LITERS
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS
Disposal:		
INJECTION WELL	D79	GALLONS OR LITERS
LANDFILL	D80	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER
LAND APPLICATION	D81	ACRES OR HECTARES
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS

Treatment:

PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
TANK	T01	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or inciner- ators. Describe the processes in the space provided; Item III-C.)	T04	GALLONS PER DAY OR LITERS PER DAY

UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G
LITERS	L
CUBIC YARDS	Y
CUBIC METERS	C
GALLONS PER DAY	U

UNIT OF MEASURE	UNIT OF MEASURE CODE
LITERS PER DAY	V
TONS PER HOUR	D
METRIC TONS PER HOUR	W
GALLONS PER HOUR	E
LITERS PER HOUR	H

UNIT OF MEASURE	UNIT OF MEASURE CODE
ACRE-FEET	A
HECTARE-METER	F
ACRES	B
HECTARES	Q

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

LINE NUMBER		A. PRO- CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY	LINE NUMBER		A. PRO- CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY
			1. AMOUNT (specify)	2. UNIT OF MEAS- URE (enter code)					1. AMOUNT	2. UNIT OF MEAS- URE (enter code)	
X-1	S	02	600	G		5					
X-2	T	03	20	E		6					
1	S	02	75,000	G		7					
2	S	02	50,000	G		8					
3	S	02	21,000	G		9					
4	S	01	529	G		10					

III. PROCESSES (continued)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE **CODE**
 POUNDS P
 TONS T

METRIC UNIT OF MEASURE **CODE**
 KILOGRAMS K
 METRIC TONS M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES**1. PROCESS CODES:**

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
				1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (If a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above

NOTE: Photocopy this page before completing. You have more than 26 wastes to list.

Form Approved OMB No. 158-S80004

EPA I.D. NUMBER (enter from page 1)													FOR OFFICIAL USE ONLY														
W O H D 0 0 4 2 1 8 6 7 3 1													W DUP 2 DUP														
IV. DESCRIPTION OF HAZARDOUS WASTES (continued)																											
LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES																							
				1. PROCESS CODES (enter)																							
				2. PROCESS DESCRIPTION (if a code is not entered in D(1))																							
1	K 0 8 7	1,374	T	-																						Closed Loop Recycling	
2	K 0 6 2	43,693	T	S 0 2																							
3	F 0 0 1	30	T	S 0 1																							
4	F 0 0 2																										Included with above
5	D 0 0 1	11	T	-																							Reclamation
6																											
7																											
8																											
9																											
10																											
11																											
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22																											
23																											
24																											
25																											
26																											

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

EPA I.D. NO. (enter from page 1)

F O H D 0 0 4 2 1 8 6 7 3 6

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

4 1 2 8 1 4 W

LONGITUDE (degrees, minutes, & seconds)

0 8 1 4 0 0 5 N

VIII. FACILITY OWNER

☐ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code & no.)

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

Vice President
W. G. Wiley, Jr. Flat Rolled

B. SIGNATURE

W G Wiley Jr

C. DATE SIGNED

4/20/86

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

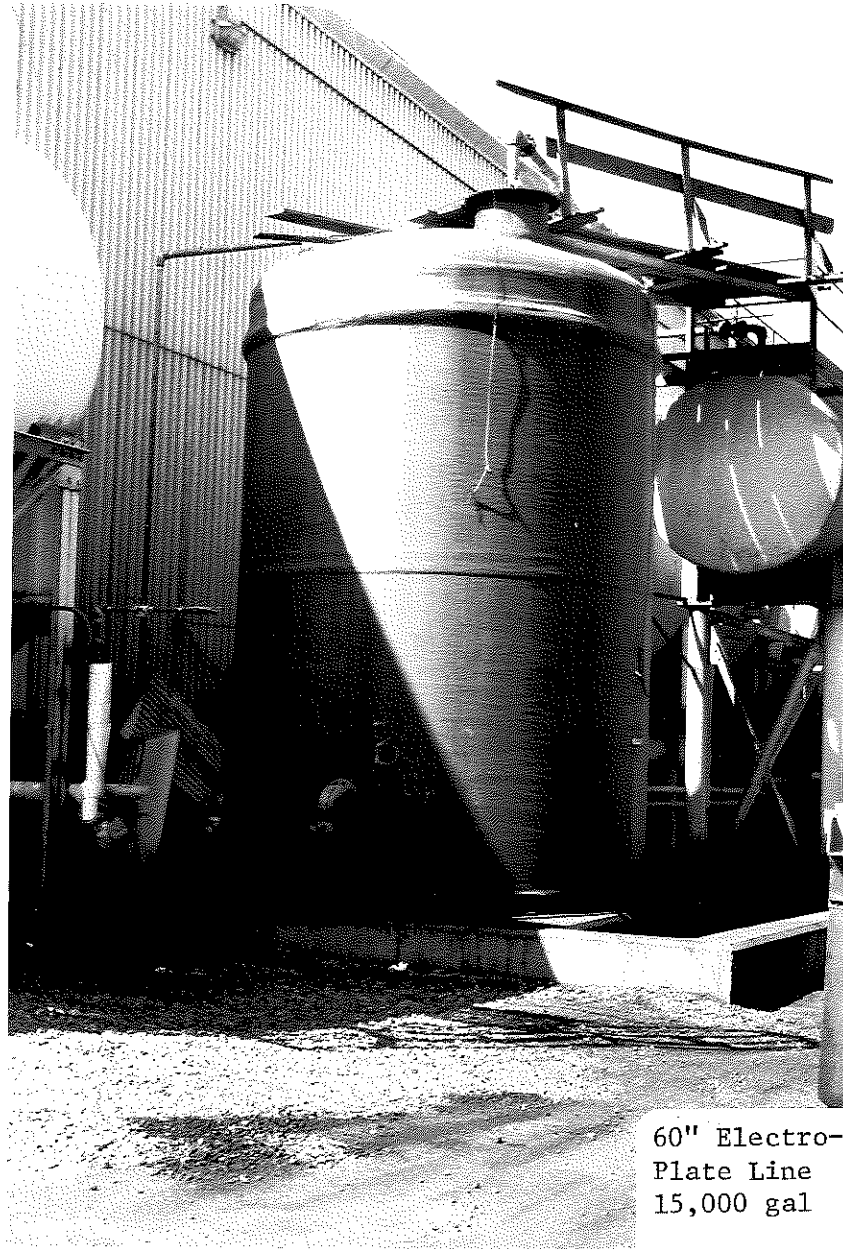
B. SIGNATURE

C. DATE SIGNED

ATTACHMENT 2-C
Photograph (Form 3 - VI)
April 1986



ATTACHMENT 2-C
Photograph (Form 3 - VI)
April 1986



60" Electro-
Plate Line
15,000 gal

ATTACHMENT 2-C
Photograph (Form 3 - VI)
April 1986



60" Electro-
Plate Line
6,000 gal
Tank



Electric Shop
Degreaser
Sludge
529 gal

ATTACHMENT 3-A

LTV Steel Company, Inc.

Cleveland (East) Works

WASTE STORAGE TANKS

April 1986

84" Pickle Line	25,000 gallon tank
(Spent Hydrochloric Acid)	25,000 gallon tank
60" Electroplate Line	15,000 gallon tank
(Spent Hydrochloric Acid)	6,000 gallon tank
Electric Repair Shop	529 gallon container
(Degreaser Sludge)	
	<hr/>
TOTAL	71,529 gallons

"GENERATOR ACCUMULATING WASTE ON-SITE IN COMPLIANCE WITH 40 CFR 262.34"

(APPLICABLE TO FACILITIES WHICH, AS OF NOVEMBER 19, 1980, HAVE BEEN
STORING WASTES IN CONTAINERS AND/OR TANKS ONLY)

Facility Name: LTV Steel Company, Inc.
Facility Location: Cleveland (East) Works
Mailing Address: 3100 East 45th Street
Cleveland, OH 44127
U.S. EPA ID No.: OHD 004 218 673

1. I certify, in reference to the above-named facility, that a complete and accurate description of the activities currently conducted, for purposes of the Resource Conservation and Recovery Act (RCRA), are those of a generator accumulating waste on-site, in compliance with 40 CFR 262.34. This description of activities shall be considered effective as of
April 15, 1986
(Please type, in above space: today's date,
or other appropriate past date)
2. I certify that all hazardous waste which had been stored at this facility for greater than 90 days have been permanently removed, and -- for that portion of the wastes that were present on-site on or after November 19, 1980 -- the manifest requirements of 40 CFR Part 262 have been complied with, and all manifests are on file at this facility, available for inspection by authorized State and Federal officials.
3. I finally certify under penalty of law that I have personally examined, and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

W. G. Wiley, Jr.
W. G. Wiley, Jr.
Vice President
Flat Rolled

4/20/86

Signature

Typed Name and Title

Date

(Please have appropriate official, per 40 CFR 270.11, sign and date)

Spill Certification Statement

I certify under penalty of law that no reportable spills occurred in the area where hazardous waste was stored during the RCRA storage period. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the above statement is, to be the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

OHD 004 218 673

Permit No.

LTV Steel Company, Inc.

Cleveland (East) Works

Facility Name

W.G. Wilby Jr.
Signature of Executive Officer

Vice President Flat Rolled
LTV Steel Company, Inc.

4/26/86
Date

ATTACHMENT 3-D

**LTV STEEL COMPANY, INC.
CLEVELAND WORKS - EAST
HAZARDOUS WASTE MANAGEMENT**

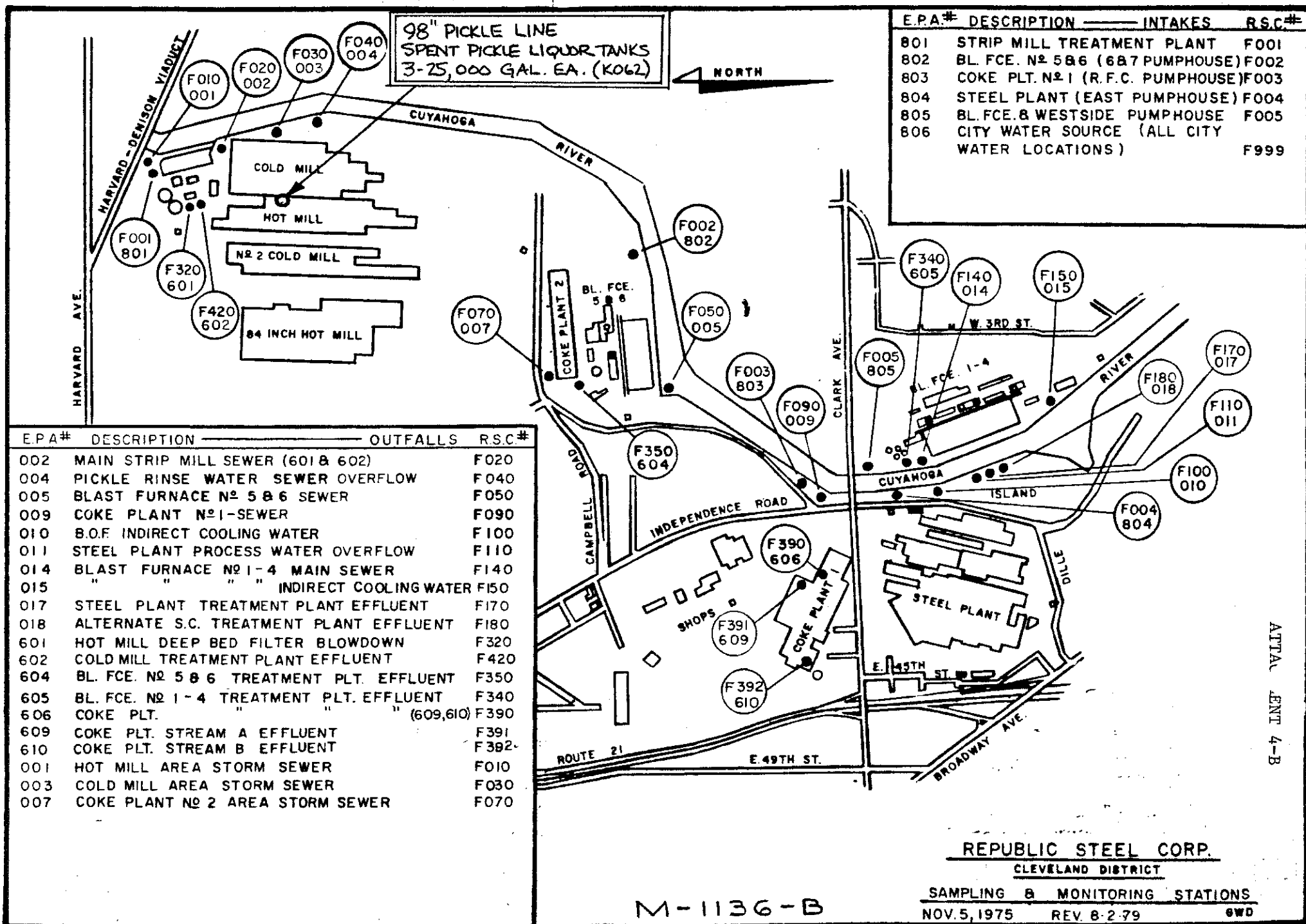
This procedure is established to ensure that no accumulation of hazardous waste occurs in the below listed storage tanks and containers for greater than 90 days.

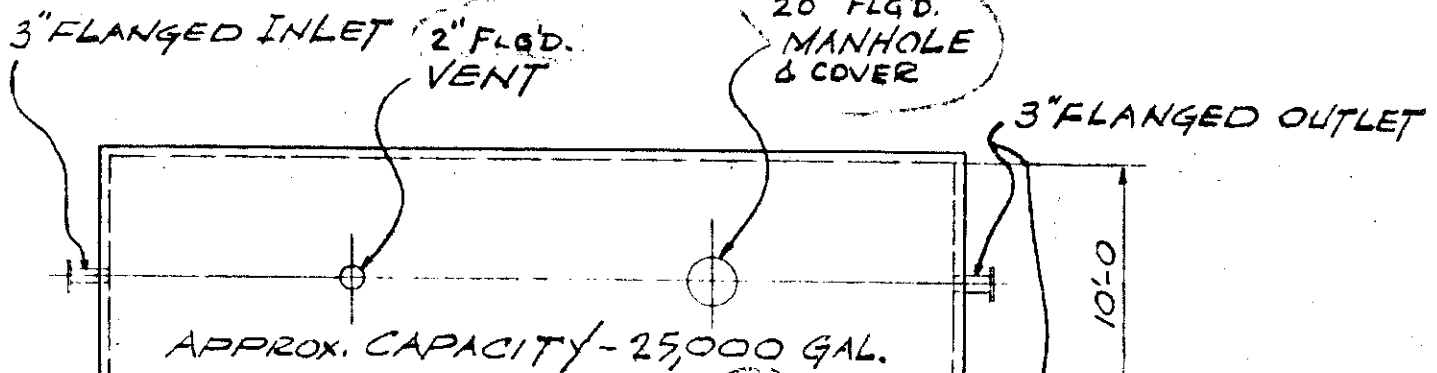
1. Within every 90 days, the responsible department will empty their hazardous waste storage tanks or containers.
2. A record of this emptying will be made in the department permanent log.
3. The department Superintendent will send verification of this activity to the Cleveland Works Environmental Control Department. Verification will be a copy of permanent log indicating the date this activity was performed.
4. Cleveland Works Environmental Control will maintain a file of the verifications. Also in this file will be copies of the procedures utilized to empty the tanks and containers.
5. This procedure will commence April 1, 1986.

The storage tanks and containers involved are as follows:

1. Waste Acid Tanks - 84" Pickle Line
(2 - 25,000 gallon)
2. Waste Acid Tanks - 60" Electroplate Line
(1 - 15,000 gallon)
(1 - 6,000 gallon)
3. Degreaser Sludge Container - Electric Repair Shop
(1 - 529 gallon)

This procedure may be adjusted as necessary at any time.

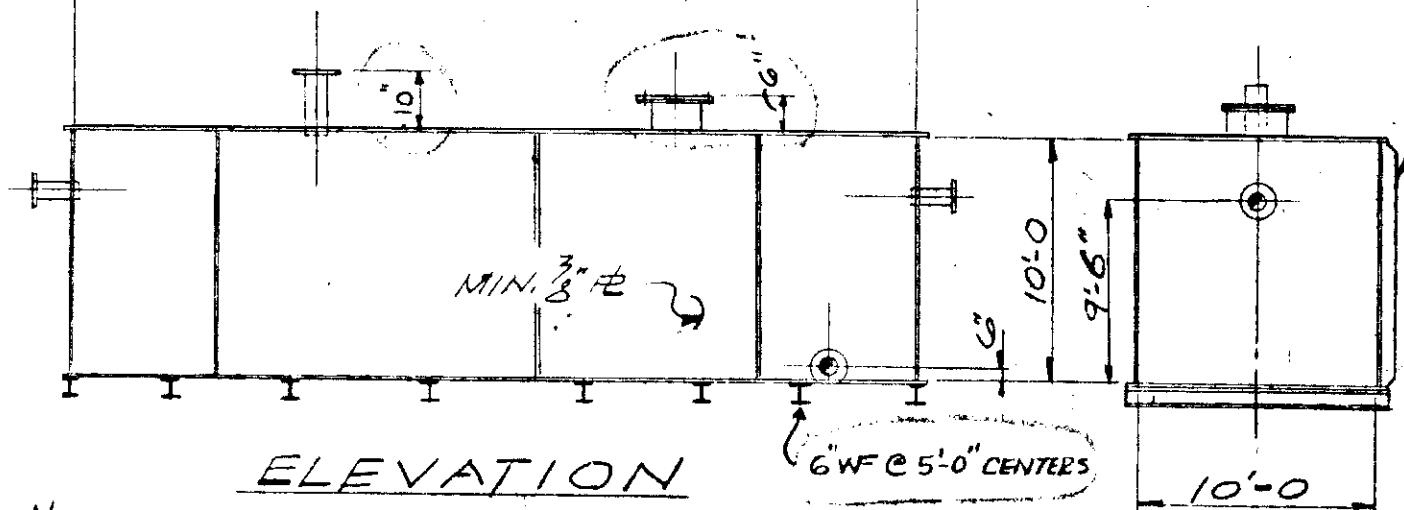




PLAN
(3-REQ'D)

35'-0"

6 EXTERIOR STIFFENERS
(3 EA. SIDE) 4" x 1/2" PL
CUT @ 60° TOP & BOT.



NOTE:

FOR LIQUID CONSISTING OF: 0.5 - 10% FREE HYDROCHLORIC ACID
20 - 25% FERROUS CHLORIDE
70 - 75% WATER
UP TO 210°F MAX. TEMPERATURE

CONSTRUCTION:

STEEL-RUBBER LINED

ATTACHMENT 4-C

(Tank Detail)

C.B./JS.

THIS DRAWING IS LOANED WITH THE EXPRESSED AGREEMENT THAT THE DRAWING AND INFORMATION THEREIN CONTAINED ARE THE PROPERTY OF REPUBLIC STEEL CORPORATION AND WILL NOT BE REPRODUCED, COPIED, OR OTHERWISE DISPOSED OF, DIRECTLY OR INDIRECTLY, AND WILL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN MAKING OR TO FURNISH ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS OR OTHER REPRODUCTIONS HEREOF, OR FOR THE MAKING OF APPARATUS OR PARTS THEREOF, EXCEPT UPON WRITTEN PERMISSION OF REPUBLIC STEEL CORPORATION FIRST OBTAINED AND SPECIFIC AS TO EACH CASE. THE ACCEPTANCE OF THIS DRAWING WILL BE CONSTRUED AS AN ACCEPTANCE OF THE FOREGOING AGREEMENT.

STRIP MILL - HCl PICKLE LINES
STREAM & AIR POLLUTION - APPROX. 8506
HYDROCHLORIC ACID STORAGE TANKS

REPUBLIC STEEL CORPORATION
CLEVELAND DISTRICT

SCALE
NONE

DATE

1-18-67

SK-11370

LTV Steel Company

LTV

January 27, 1986

RECEIVED

JAN 31 1986

SOLID WASTE BRANCH
U.S. EPA, REGION 4

Certified Mail-Return Receipt Requested

✓
U.S. EPA
Region V
Post Office Box A3587
Chicago, Illinois 60604

Ohio EPA
Post Office Box 1049
Columbus, Ohio 43216-1049

Attn: RCRA Activities

Attn: Division of Solid and Hazardous
Waste Management

Re: LTV Steel Company, Inc.
Cleveland (East) Works
EPA I.D. No. OHD 004218673

C, TR, TSD, PA

Gentlemen:

Pursuant to the requirements of 50 FR 49164 (November 29, 1985), LTV Steel Company, Inc. is hereby filing a subsequent notification of its burning activities under section 3010 of RCRA.

At the above referenced facility, LTV Steel Company, Inc. presently burns hazardous waste fuel (Cadence Product 312) in blast furnace(s) which are "industrial furnace(s)" under the definitions in 40 CFR 260.10. In addition, this facility also burns both specification and off-specification used oil fuels in steel plant combustion facilities which are "industrial boilers" and/or "industrial furnaces" as defined in 40 CFR Part 260.10.

LTV Steel Company, Inc. does not intend to store hazardous waste fuel (Cadence Product 312) prior to burning. Thus, this notification is for the burning of hazardous waste fuel and not a notice, prerequisite for interim status, for storage.

Should you have any questions, please contact Mr. L. A. Szuhay at 216-429-6475.

Very truly yours,

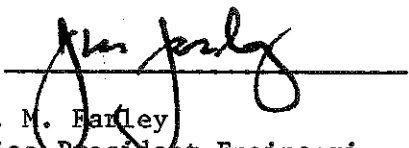

J. M. Farley
Vice President Engineering

JMF/fh

1554a

Certification Statement

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.


J. M. Farley
Vice President Engineering
LTV STEEL Co., Inc.

JAN 28 1986

Date

518
OhioEPA**RECEIVED**

MAR 28 1985

ENVIRONMENTAL CONTROL DEPT.
CLEVELAND DISTRICT

Re: Permit Change Request

Date of Request: 7/26/82
Date of Receipt: 8/04/82
OHD004218673
Ohio Permit No. 02-18-0186

MAR 27 1985

Republic Steel
Attn: R. L. Nemeth
3100 E. 45th St.
Cleveland, OH 44127

Dear Sir or Madam:

We are in receipt of request(s) for change to your Ohio Hazardous Waste Installation and Operation Permit. Indicated above are the date(s) of your request(s) and the date(s) we received your request(s).

Unfortunately, at the time we received your permit change request(s) there were no rules in effect that allowed either Ohio EPA or the Hazardous Waste Facility Board (HWFB) to act upon those request(s). Consequently, your permit change request(s) were never processed and your permit remains as originally issued.

However, rules are now effective which allow Ohio EPA and the Ohio Hazardous Waste Facility Board (HWFB) to process requests for permit changes. Upon receipt of a request for change, the Ohio EPA will classify the requested change into one of two categories, either a revision or a modification. Basically, a revision is a change to your facility which does not impact the siting criteria contained in Section 3734.05(C)(6) of the Ohio Revised Code such as a facility requesting authority to process or handle wastes which are similar to wastes which they are currently authorized to process or handle. Permit revisions will be processed entirely by Ohio EPA. The package to be submitted for a revision should include a new Part A form, revised as appropriate, specifications and drawings where applicable, and a letter of justification for the change.

Conversely, a modification is a change to your facility which impacts the siting criteria contained in Section 3734.05(C)(6) of the Ohio Revised Code, e.g., a facility which requests authority to conduct regulated activities different from those previously authorized by the permit. Requests classified as modifications will be reviewed by Ohio EPA, but the final determination will be made by the Ohio HWFB. The package for a modification request should include the applicable portions of a Part B application, (including a modified Part A form) and a letter of justification for the change. Please refer to Rule 3745-50-51(B) of the Ohio Administrative Code for further guidance on whether a permit change is a revision or a modification.

Re: Modification Request
Page Two

All requests for change, whether subsequently classified by Ohio EPA as modifications or revisions, should be submitted to:

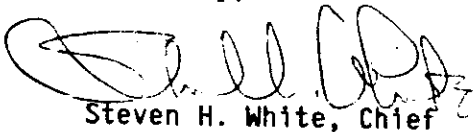
Ohio EPA
Division of Solid and Hazardous Waste Management
Attn: Thomas E. Crepeau, Manager
Data Management Section
P.O. Box 1049
Columbus, Ohio 43216-1049

We are now in a position to consider your request if you wish to pursue a change to your HWFB permit. However, no action will be taken on the above-referenced modification request(s) because of the significant amount of time that has passed since these request(s) were submitted. Therefore, in order to be sure of your present intentions, we request that you resubmit an updated permit change package if you still wish to pursue a change to your permit.

If you do not wish to pursue a change of your original permit, you need not resubmit at this time. In any case, if we do not hear from you we will assume that you no longer desire a change to your permit at this time, and any previous requests of this nature will be voided.

If you have further questions concerning changes to your hazardous waste permit, please contact Bolaji Dosunmu at (614) 462-8388.

Sincerely,



Steven H. White, Chief
Division of Solid and Hazardous Waste Management

SW/ds

cc: D.O.

1118T

Republicsteel

Republic Steel Corporation
General Offices: Republic Building
Environmental Control
PO Box 6778
Cleveland OH 44101

RECEIVED
7/30/82

July 26, 1982

WL West
Director
WB Tucker Jr.
Assistant to the Director
CM Brown
Assistant Director—Air

Waste Management Branch
Air & Hazardous Materials Division
U.S. EPA - Region V
230 S. Dearborn St.
Chicago, Illinois 60604

RECEIVED

JUL 29 1982

WASTE MANAGEMENT BRANCH
EPA, REGION V

Subject: Revised Part A Permit Application
Republic Steel Cleveland District - OHD004218673

6, TRS, TSD, PA

A revised Part A permit application describing the hazardous waste storage activities performed at the Republic Steel Cleveland District facility, located in Cleveland, Ohio is attached. This permit application updates the activities described in the Part A permit application dated November 17, 1980. No facilities are being expanded or replaced. The revised Part A reflects regulatory and operational changes that have occurred since the original Part A was filed.

A copy of this revised permit application is being sent to Ohio EPA.

Please contact this office concerning questions about the content of the permit application (216/622-5916).

Sincerely,

D. M. Gubanc

D. M. Gubanc
Sr. Solid Waste Management Engineer

DMG:nf

cc: Chief, Division of Hazardous Materials
Management - Ohio EPA - w/att.

FORM 1 GENERAL	 U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION <i>Consolidated Permits Program</i> <i>(Read the "General Instructions" before starting.)</i>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="10">I. EPA I.D. NUMBER</th> </tr> <tr> <td>S</td><td>F</td><td>O</td><td>H</td><td>D</td><td>0</td><td>0</td><td>4</td><td>2</td><td>1</td> <td>T/A</td><td>C</td> </tr> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td> <td>11</td><td>12</td> </tr> </table>	I. EPA I.D. NUMBER										S	F	O	H	D	0	0	4	2	1	T/A	C	1	2	3	4	5	6	7	8	9	10	11	12
I. EPA I.D. NUMBER																																				
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LABEL ITEMS <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;">I. EPA I.D. NUMBER</td> <td rowspan="4" style="text-align: center; vertical-align: middle;"> PLEASE PLACE LABEL IN THIS SPACE </td> </tr> <tr> <td>III. FACILITY NAME</td> </tr> <tr> <td>V. FACILITY MAILING ADDRESS</td> </tr> <tr> <td>VI. FACILITY LOCATION</td> </tr> </table>		I. EPA I.D. NUMBER	PLEASE PLACE LABEL IN THIS SPACE 	III. FACILITY NAME	V. FACILITY MAILING ADDRESS	VI. FACILITY LOCATION	GENERAL INSTRUCTIONS <p>If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.</p>																													
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II. POLLUTANT CHARACTERISTICS											
INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.											
SPECIFIC QUESTIONS			MARK 'X'			SPECIFIC QUESTIONS			MARK 'X'		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED				
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X					
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	X		No	D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		X					
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X		X	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X					
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X					
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X					

III. NAME OF FACILITY											
1	SKIP	REPUBLIC STEEL CLEVELAND DISTRICT									

IV. FACILITY CONTACT											
A. NAME & TITLE (last, first, & title)						B. PHONE (area code & no.)					
2 AGUIER L SUPT ENVIR CONTROL						216 622 6370					

V. FACILITY MAILING ADDRESS											
A. STREET OR P.O. BOX											
3 3100 EAST 45TH STREET											

B. CITY OR TOWN						C. STATE		D. ZIP CODE			
4 CLEVELAND						OH		44127			

VI. FACILITY LOCATION											
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER											
5 3100 EAST 45TH STREET											
B. COUNTY NAME											
CUYAHOGA											
C. CITY OR TOWN						D. STATE		E. ZIP CODE		F. COUNTY CODE (if known)	
6 CLEVELAND						OH		44127			

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)

A. FIRST										B. SECOND																			
7	3	3	1	2	(specify)	INTEGRATED STEEL PLANT					7					(specify)													
15	16	17	18	19											15	16	17	18	19										
C. THIRD										D. FOURTH																			
7					(specify)						7					(specify)													
15	16	17	18	19											15	16	17	18	19										

VIII. OPERATOR INFORMATION

A. NAME																																																		B. Is the name listed in Item VIII-A also the owner?									
8	R	E	P	U	B	L	I	C		S	T	E	E	L		C	O	R	P	O	R	A	T	I	O	N											<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO																						
15	16	17	18	19											15	16	17	18	19											66																													
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)																														D. PHONE (area code & no.)																													
F = FEDERAL										M = PUBLIC (other than federal or state)										P = PRIVATE										O = OTHER (specify)																													
																				P																																							
E. STREET OR P.O. BOX																																																											
P O BOX 6778																																																											
F. CITY OR TOWN																														G. STATE										H. ZIP CODE										IX. INDIAN LAND									
C L E V E L A N D																														O H										4 4 1 0 1										Is the facility located on Indian lands?									
																																																		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO									
																																																		52									

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)															D. PSD (Air Emissions from Proposed Sources)														
9	N														9	P													
15	16	17	18	19											15	16	17	18	19										
B. UIC (Underground Injection of Fluids)															E. OTHER (specify)														
9	U														9														
15	16	17	18	19											15	16	17	18	19										
C. RCRA (Hazardous Wastes)															E. OTHER (specify)														
9	R														9														
15	16	17	18	19											15	16	17	18	19										

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

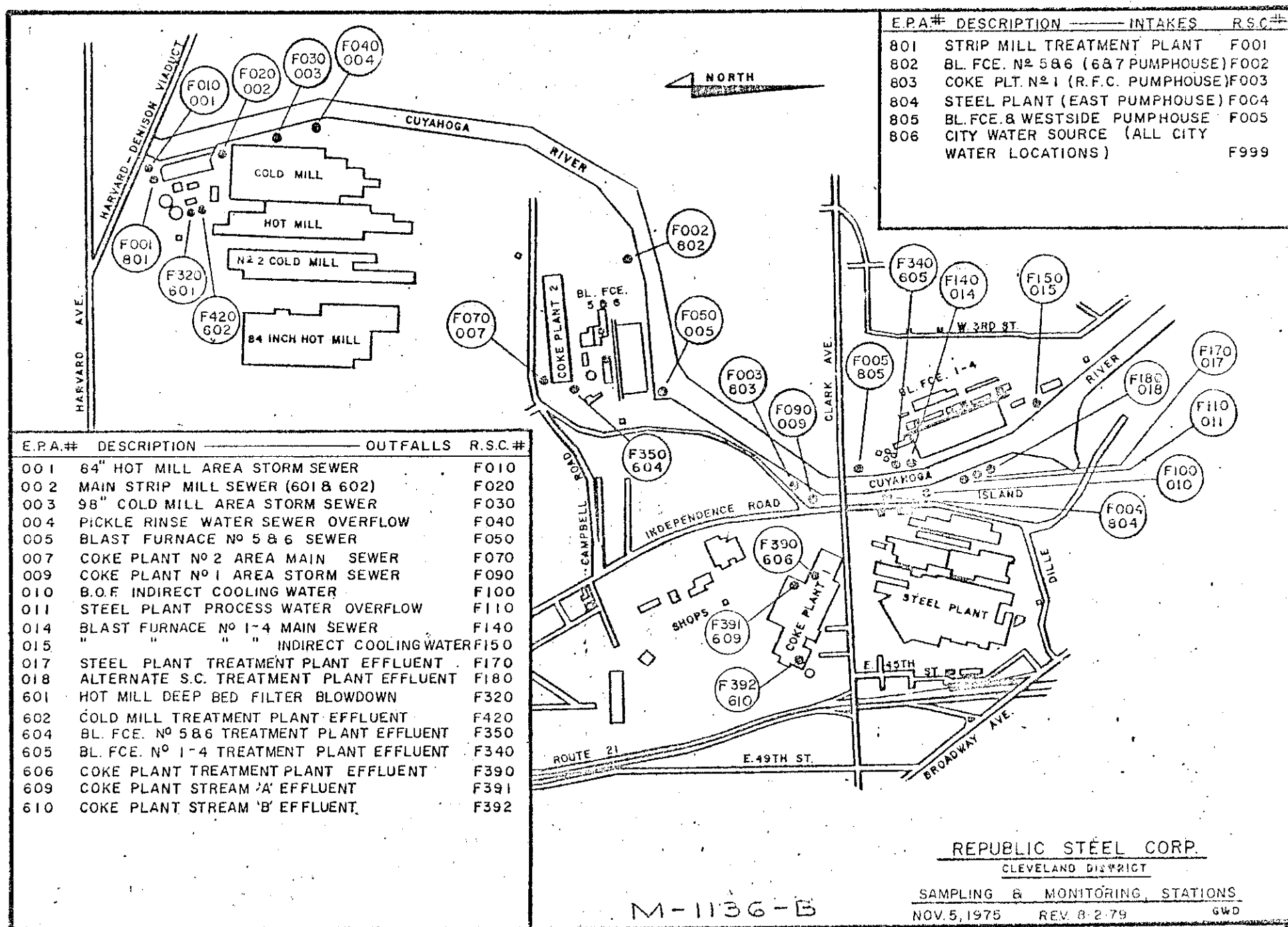
Integrated Steel Plant producing plate; zinc coated sheets and coil; bar products; hot-rolled sheet, coil and strip; cold rolled sheets, coil and strip; coke plant by-products.

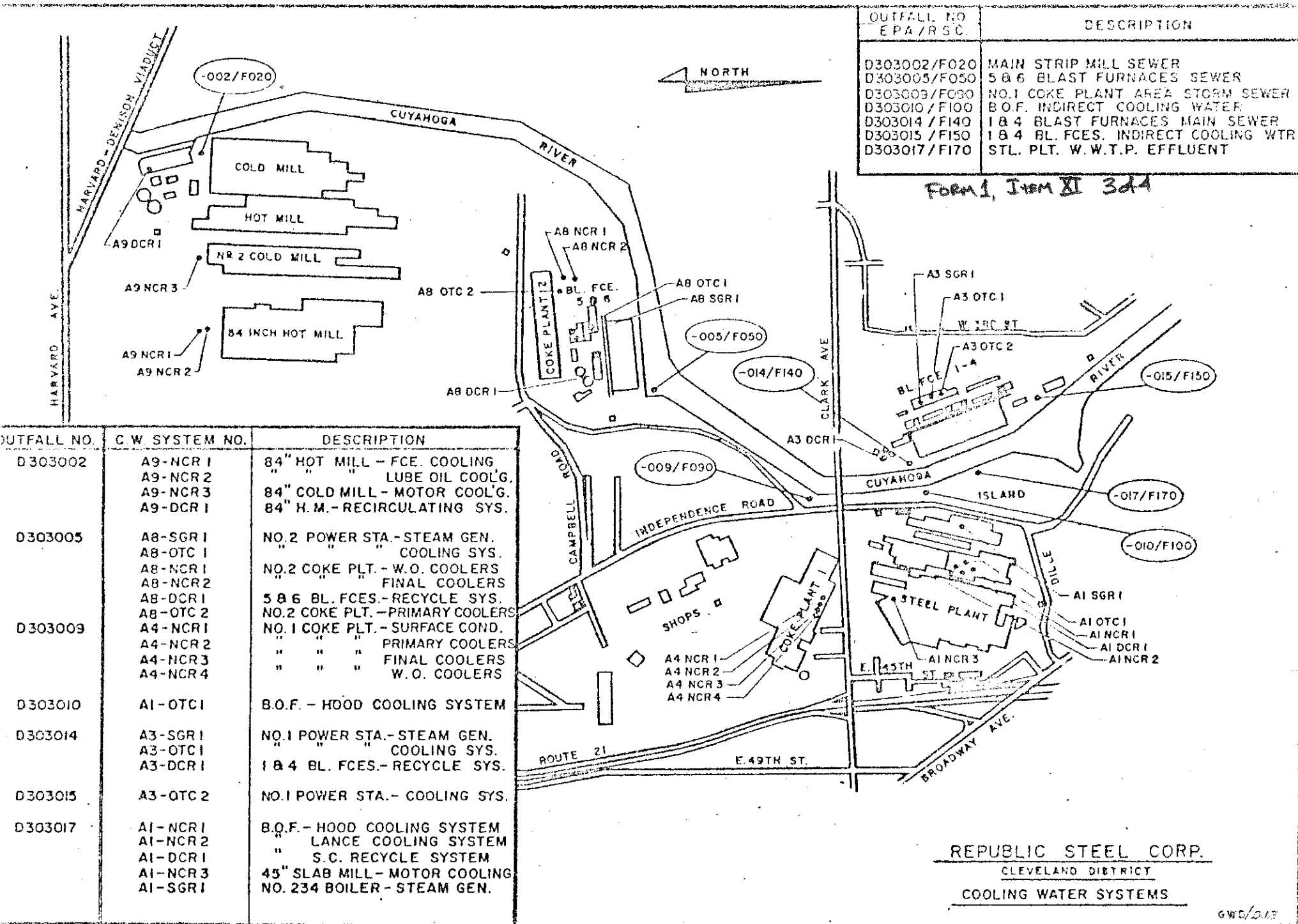
XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)		B. SIGNATURE		C. DATE SIGNED	
P. N. Wigton, Vice President Steel Operations		<i>P. N. Wigton</i>		7/26/82	

COMMENTS FOR OFFICIAL USE ONLY

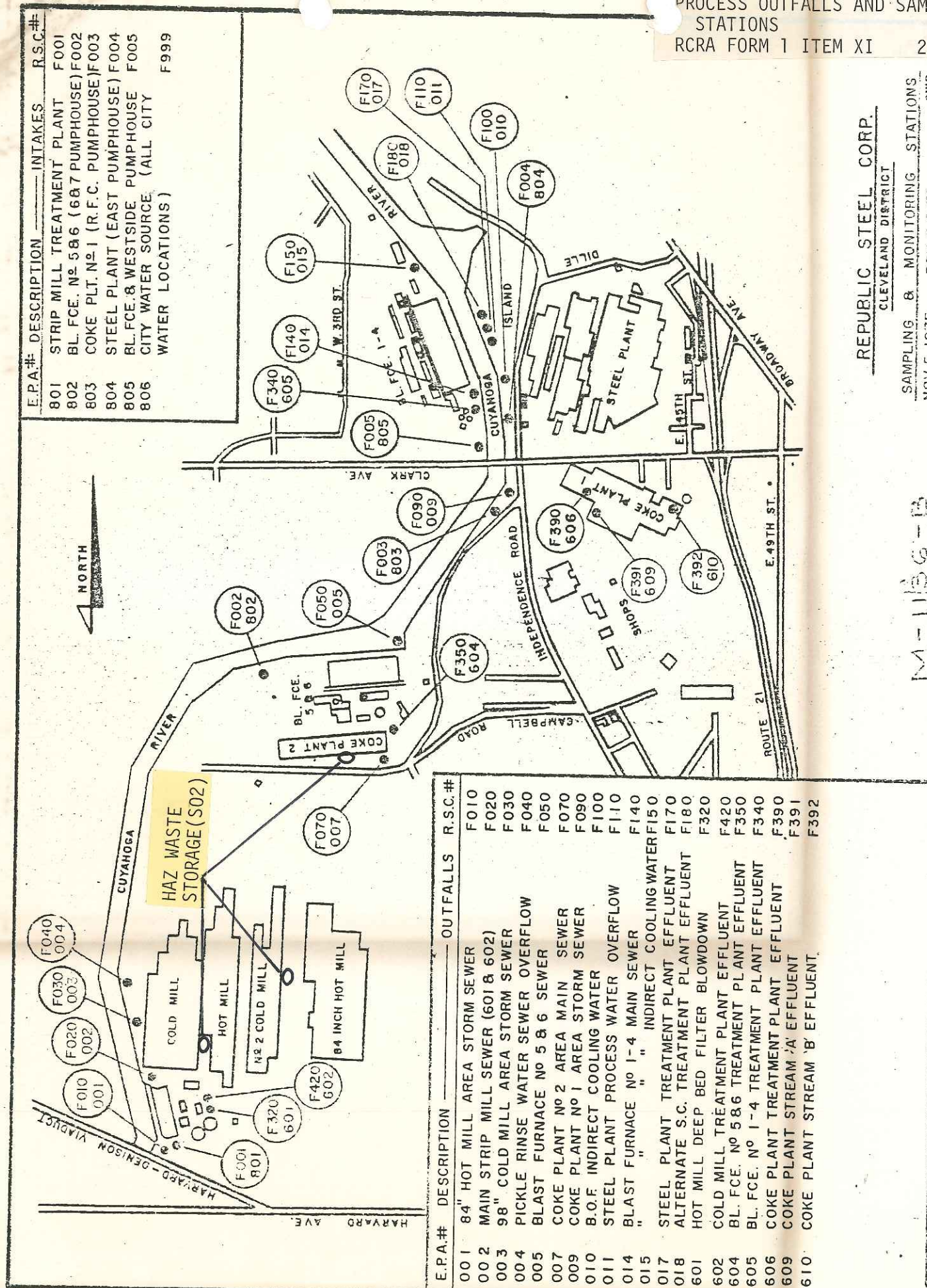


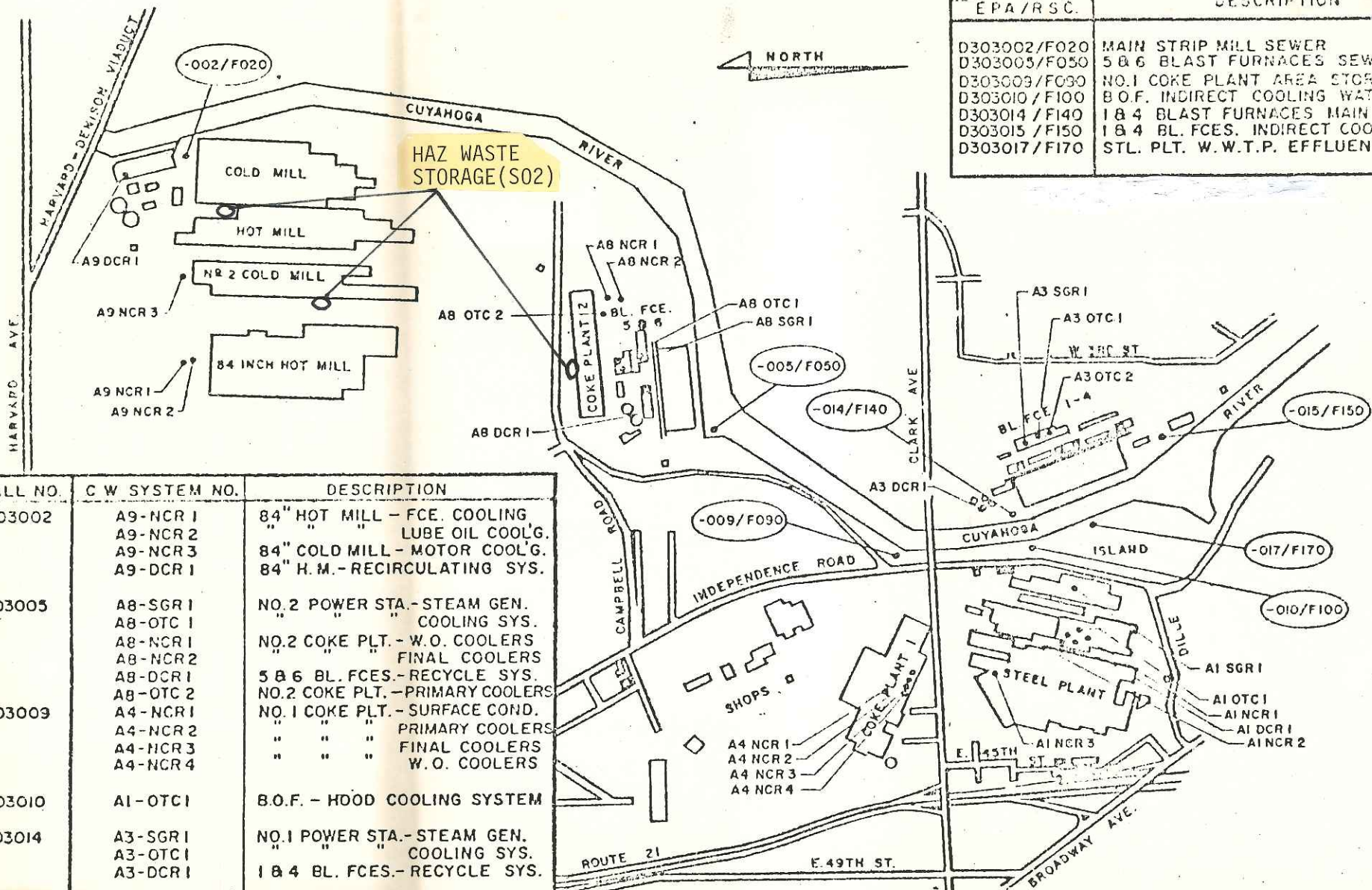


REPUBLIC STEEL CORP.
CLEVELAND DISTRICT
COOLING WATER SYSTEMS

GWC/DJE

619
M 1221 B
1-5-89



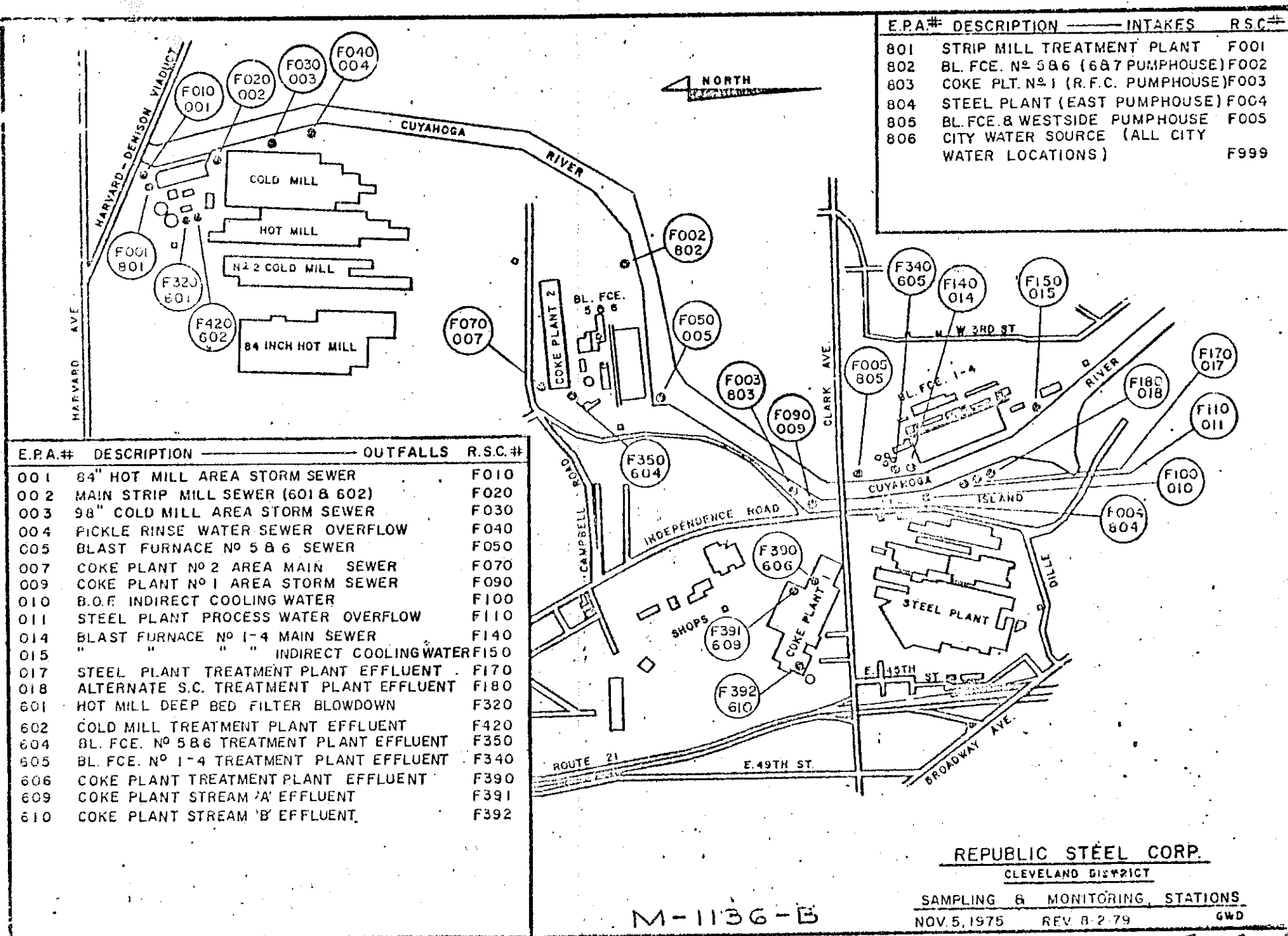


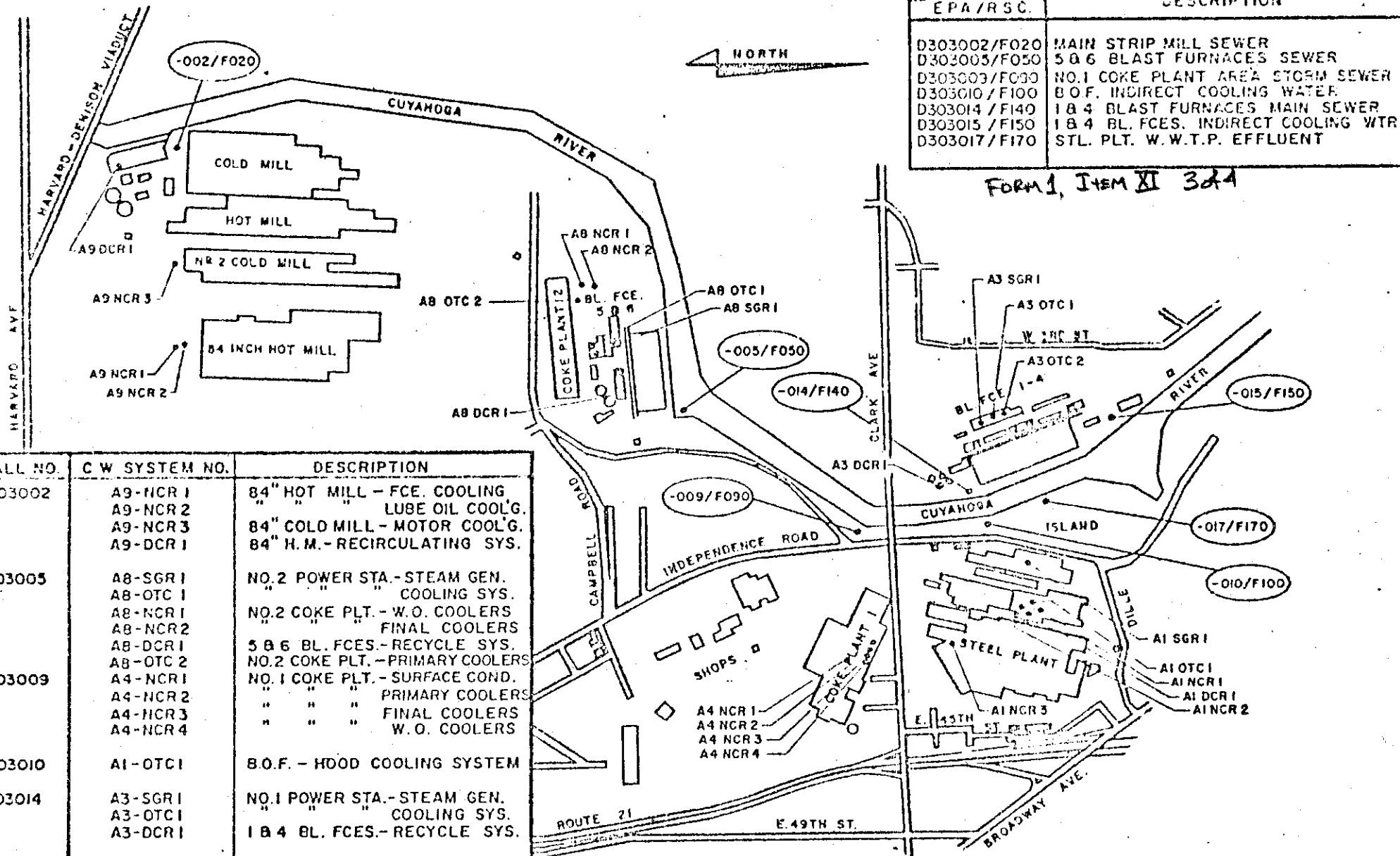
OUTFALL NO. EPA/RSC.	DESCRIPTION
D303002/F020	MAIN STRIP MILL SEWER
D303003/F050	5 & 6 BLAST FURNACES SEWER
D303009/F030	NO.1 COKE PLANT AREA STORM SEWER
D303010/F100	B.O.F. INDIRECT COOLING WATER
D303014/F140	1 & 4 BLAST FURNACES MAIN SEWER
D303015/F150	1 & 4 BL. FCES. INDIRECT COOLING WTR
D303017/F170	STL. PLT. W.W.T.P. EFFLUENT

OUTFALL NO.	C W SYSTEM NO.	DESCRIPTION
D303002	A9-NCR1 A9-NCR2 A9-NCR3 A9-DCR1	84" HOT MILL - FCE. COOLING LUBE OIL COOL'G. 84" COLD MILL - MOTOR COOL'G. 84" H.M. - RECIRCULATING SYS.
D303005	A8-SGR1 A8-OTC1 A8-NCR1 A8-NCR2 A8-DCR1 A8-OTC2	NO.2 POWER STA. - STEAM GEN. COOLING SYS. NO.2 COKE PLT. - W.O. COOLERS FINAL COOLERS 5 & 6 BL. FCES. - RECYCLE SYS. NO.2 COKE PLT. - PRIMARY COOLERS
D303009	A4-NCR1 A4-NCR2 A4-NCR3 A4-NCR4	NO.1 COKE PLT. - SURFACE COND. " " " PRIMARY COOLERS " " " FINAL COOLERS " " " W.O. COOLERS
D303010	A1-OTC1	B.O.F. - HOOD COOLING SYSTEM
D303014	A3-SGR1 A3-OTC1 A3-DCR1	NO.1 POWER STA. - STEAM GEN. COOLING SYS. 1 & 4 BL. FCES. - RECYCLE SYS.
D303015	A3-OTC2	NO.1 POWER STA. - COOLING SYS.
D303017	A1-NCR1 A1-NCR2 A1-DCR1 A1-NCR3 A1-SGR1	B.O.F. - HOOD COOLING SYSTEM LANCE COOLING SYSTEM " S.C. RECYCLE SYSTEM 45" SLAB MILL - MOTOR COOLING NO. 234 BOILER - STEAM GEN.

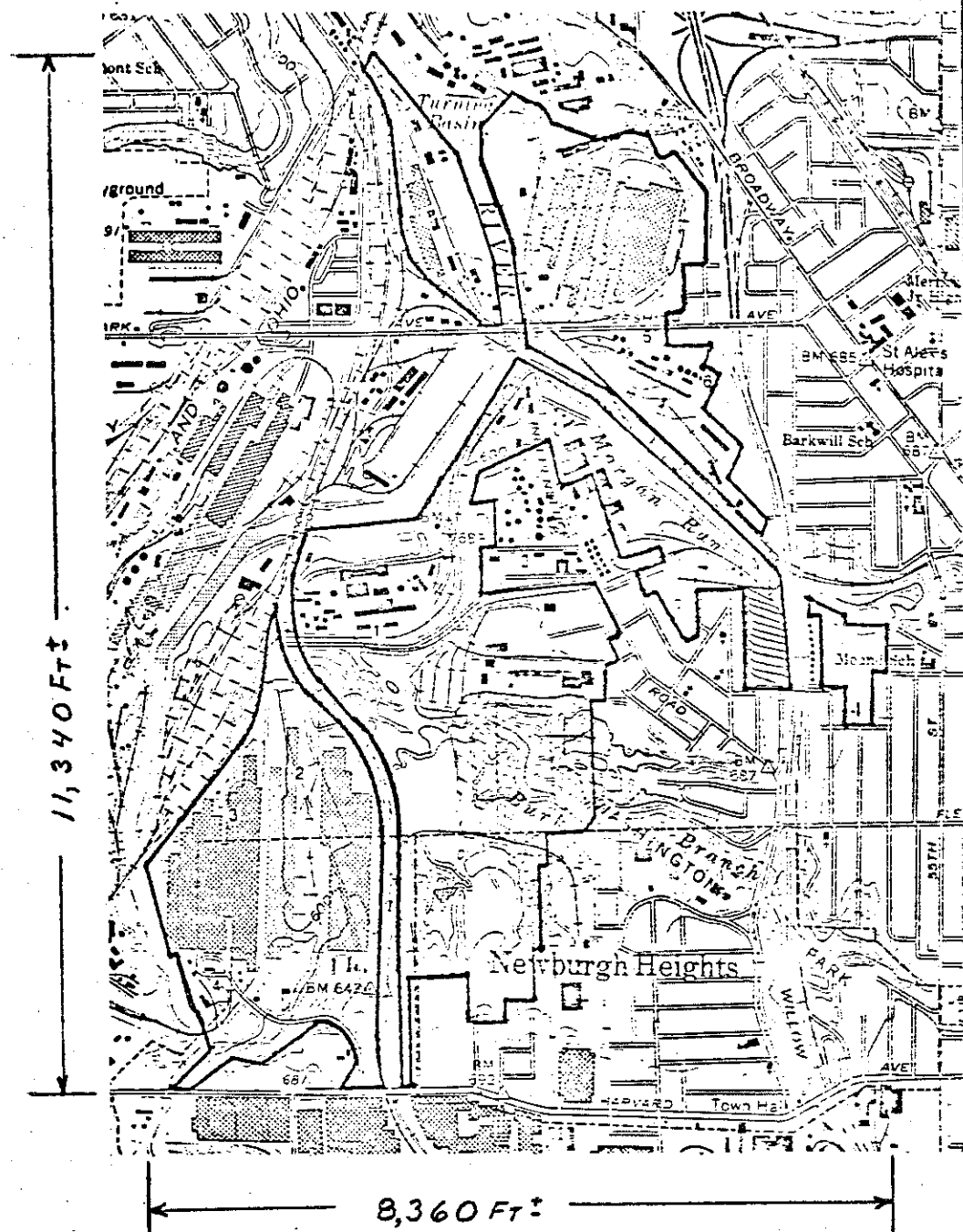
REPUBLIC STEEL CORP.
CLEVELAND DISTRICT
COOLING WATER SYSTEMS

REPUBLIC STEEL-CLEVELAND DIST.
ON-CONTACT WATER OUTFALLS
KCRA FORM 1 ITEM XI
3 of 3





319

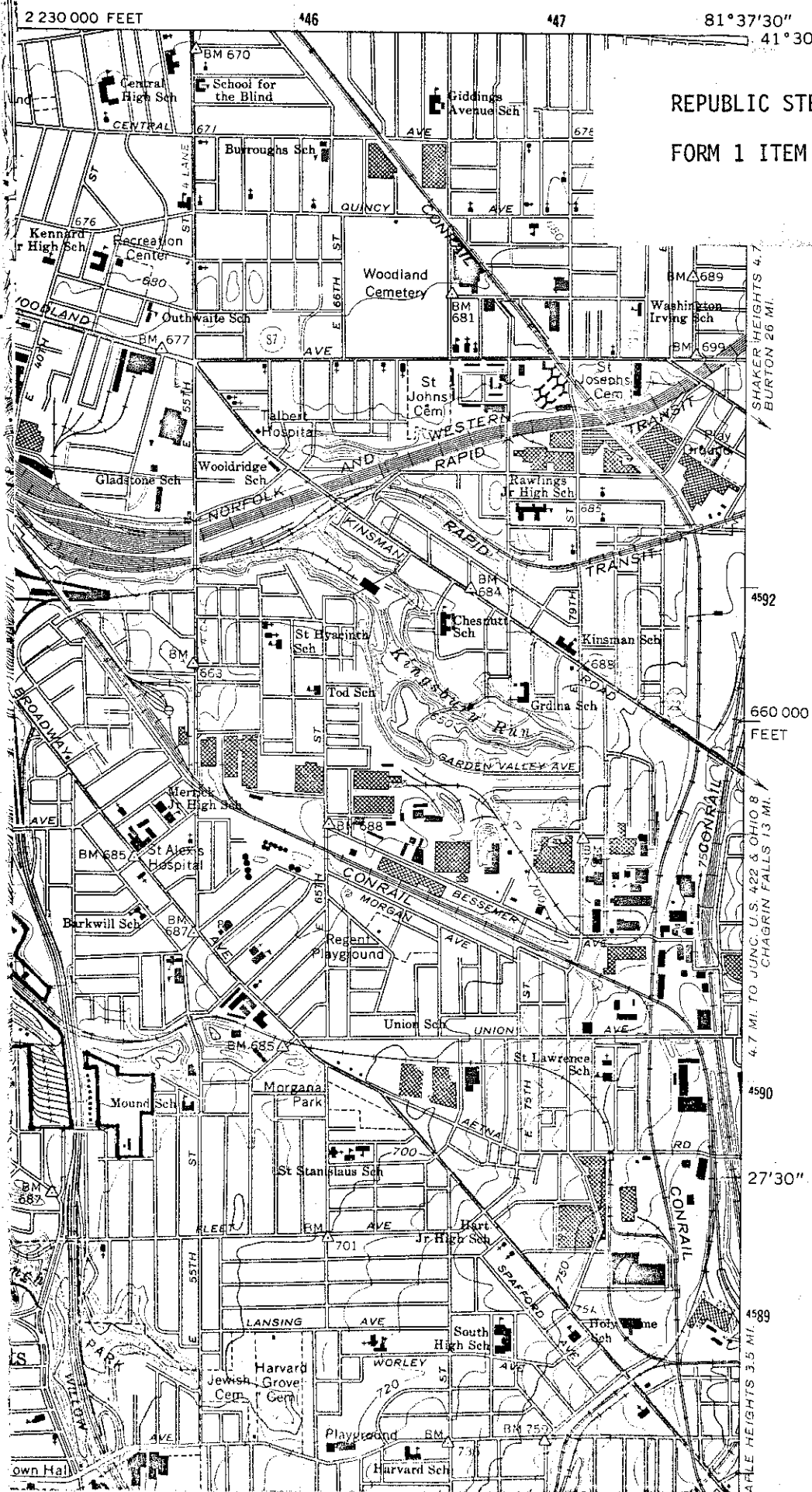


- 1 SLUDGE MILL 11' X 33' ±
- 2 84" PICKLER SPENT PICKLE LIQUOR TANKS AREA 19' X 82' ±
- 3 98" PICKLER SPENT PICKLE LIQUOR TANKS AREA 23' X 125' ±
- 4 PICKLE RINSE WATER NEUTRALIZATION & OXIDATION TANK AREA 68' X 19' ±
- 5 COKE OVEN GAS DESULFURIZATION:
 - DISPOSAL SUMP 12' X 9' ±
 - DRUM STORAGE AREA 21' X 9' ±
- 6 COKE PLANT WATER TREATMENT PLANT 182' X 135' ±

CLEVELAND SOUTH QUADRANGLE
OHIO-CUYAHOGA CO
7.5 MINUTE SERIES (TOPOGRAPHIC)

4667 11 SE
(EAST CLEVELAND)

519



REPUBLIC STEEL CLEVELAND DISTRICT
FORM 1 ITEM XI 1 of 4

SHAKER HEIGHTS 4.7
BURTON 2.6 MI.

4592

660 000
FEET

4.7 MI. TO JUNC. U.S. 422 & OHIO 8
CHAGRIN FALLS 13 MI.

4590

27'30"

4589

SHAKER HEIGHTS 3.5 MI.
CLEVELAND 1.5 MI.

FORM <div style="font-size: 2em; font-weight: bold;">1</div>		U.S. ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION <i>Consolidated Permits Program</i> <i>(Read the "General Instructions" before starting.)</i>	EPA I.D. NUMBER <div style="border: 1px solid black; padding: 2px;"> F O H D 0 0 4 2 1 8 6 7 3 </div>
LABEL ITEMS		GENERAL INSTRUCTIONS	
I. EPA I.D. NUMBER III. FACILITY NAME V. FACILITY MAILING ADDRESS VI. FACILITY LOCATION	<div style="border: 1px solid black; padding: 10px;"> PLEASE PLACE LABEL IN THIS SPACE </div>		<p>If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.</p>

II. POLLUTANT CHARACTERISTICS													
INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.													
SPECIFIC QUESTIONS				MARK 'X'			SPECIFIC QUESTIONS				MARK 'X'		
				YES	NO	FORM ATTACHED					YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)					X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)					X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)				X			D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)					X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)				X		X	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)					X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)					X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)					X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)					X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)					X	

III. NAME OF FACILITY											
1	SKIP	REPUBLIC STEEL CLEVELAND DISTRICT									

IV. FACILITY CONTACT											
A. NAME & TITLE (last, first, & title)								B. PHONE (area code & no.)			
2	AGUIER L SUPT ENVIR CONTROL							216	622	6370	

V. FACILITY MAILING ADDRESS											
A. STREET OR P.O. BOX											
3	3100 EAST 45TH STREET										

B. CITY OR TOWN						C. STATE		D. ZIP CODE			
4	CLEVELAND					OH	44127				

VI. FACILITY LOCATION											
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER											
5	3100 EAST 45TH STREET										
B. COUNTY NAME											
C	CUYAHOGA										
C. CITY OR TOWN						D. STATE		E. ZIP CODE		F. COUNTY CODE (if known)	
6	CLEVELAND					OH	44127				

CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)

A. FIRST										B. SECOND												
C	7	3	3	1	2	(specify)	INTEGRATED STEEL PLANT					C	7				(specify)					
13	15	16	17	18	19		13	15	16	17	18	19		13	15	16	17	18	19			
C. THIRD										D. FOURTH												
C	7					(specify)						C	7				(specify)					
13	15	16	17	18	19		13	15	16	17	18	19		13	15	16	17	18	19			

VIII. OPERATOR INFORMATION

A. NAME																														B. Is the name listed in Item VIII-A also the owner?									
C	8	R	E	P	U	B	L	I	C	S	T	E	E	L	C	O	R	P	O	R	A	T	I	O	N	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO 66													
13	15	16	17	18	19																					59													
C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)																									D. PHONE (area code & no.)														
F = FEDERAL M = PUBLIC (other than federal or state) S = STATE O = OTHER (specify) P = PRIVATE																									C A 2 1 6 6 2 2 5 0 0 0 15 16 17 18 19 20 21 22 23 24 25														
E. STREET OR P.O. BOX																																							
P O BOX 6 7 7 8																																							
26																									55														
F. CITY OR TOWN																				G. STATE					H. ZIP CODE					IX. INDIAN LAND									
C	B	C	L	E	V	E	L	A	N	D	O H					4 4 1 0 1					Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 52																		
13	15	16	17	18	19	40	41	42	43	44	45	46	47	48	49	50	51																						

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)															D. PSD (Air Emissions from Proposed Sources)														
C	9	N	0	H	0	0	0	0	9	5	7	C	9	P															
13	15	16	17	18	19	20	21	22	23	24	25	13	15	16	17	18	19	20	21	22	23	24	25						
B. UIC (Underground Injection of Fluids)															E. OTHER (specify)														
C	9	U										C	9																
13	15	16	17	18	19	20	21	22	23	24	25	13	15	16	17	18	19	20	21	22	23	24	25						
C. RCRA (Hazardous Wastes)															E. OTHER (specify)														
C	9	R										C	9																
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XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

Integrated Steel Plant producing plate; zinc coated sheets and coil; bar products; hot-rolled sheet, coil and strip; cold rolled sheets, coil and strip; coke plant by-products

XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)															B. SIGNATURE															C. DATE SIGNED									
P. N. WIGTON, Vice President Steel Operations															P. N. Wigton															11-17-80									
COMMENTS FOR OFFICIAL USE ONLY																																							
C																																							
13	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44									

U.S. ENVIRONMENTAL PROTECTION AGENCY
HAZARDOUS WASTE PERMIT APPLICATION
Consolidated Permits Program
(This information is required under Section 3005 of RCRA.)

EPA ID NUMBER
FOH00004

FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)

COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

☒ **1. EXISTING FACILITY** (See instructions for definition of "existing" facility. Complete item below.)

YR.	MO.	DAY
80	10	09

FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)

☐ **2. NEW FACILITY** (Complete item below.)

YR.	MO.	DAY

FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN

B. REVISED APPLICATION (place an "X" below and complete Item I above)

☐ **1. FACILITY HAS INTERIM STATUS**

☐ **2. FACILITY HAS A RCRA PERMIT**

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

- 1. AMOUNT** - Enter the amount.
- 2. UNIT OF MEASURE** - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS
TANK	S02	GALLONS OR LITERS
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS

Disposal:		
INJECTION WELL	D79	GALLONS OR LITERS
LANDFILL	D80	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER
LAND APPLICATION	D81	ACRES OR HECTARES
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS

UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G
LITERS	L
CUBIC YARDS	Y
CUBIC METERS	C
GALLONS PER DAY	U

UNIT OF MEASURE	UNIT OF MEASURE CODE
LITERS PER DAY	V
TONS PER HOUR	D
METRIC TONS PER HOUR	W
GALLONS PER HOUR	E
LITERS PER HOUR	H

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Treatment:		
TANK	T01	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)	T04	GALLONS PER DAY OR LITERS PER DAY

UNIT OF MEASURE	UNIT OF MEASURE CODE
ACRE-FEET	A
HECTARE-METER	F
ACRES	B
HECTARES	Q

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY	LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY
		1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)				1. AMOUNT	2. UNIT OF MEASURE (enter code)	
X-1	S02	600	G		5				
X-2	T03	20	E		6				
1	S01	3,190	G		7				
2	S02	158,460	G		8				
3	T01	315,800	U		9				
4	I01	1,080,000	U		10				

more than 26 wastes to list.

Form Approved OMB No. 1545-0047

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W

DUP

2

DUP

DESCRIPTION OF HAZARDOUS WASTES (continued)

A. EPA HAZARD WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (if a code is not entered in D(1))
			27 - 29	27 - 29	27 - 29	27 - 29	
1 F 0 0 1	11	T	S 0 2				Recycled on coal to coke battery using sludge mill
2 F 0 0 3	15	T	S 0 2				" " " "
3 F 0 1 7	290	P	S 0 2				Temporarily Suspended
4 K 0 8 7	4,140	T	S 0 2				" " "
5 K 0 6 2	53,500	T	S 0 2				
6 D 0 0 2	300	T	S 0 1 S 0 2				Coke Oven Gas Desulfurization Sludge and Liquor.
7 D 0 0 2	388,355	T	T 0 1				Coke Plant Waste Ammonia Liquor
8 D 0 0 2	887,230	T	T 0 1				Strip Mill Pickle Rinse Water
9							
10							
11							
12							
13							
14							
15							
16							
17							
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19							
20							
21							
22							
23							
24							
25							
26							

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CONTINUED FROM THE FRONT

VII. SIC CODES (4-digit, in order of priority)

A. FIRST				B. SECOND			
7	3	3	1	(specify)	7		(specify)
INTEGRATED STEEL PLANT							
C. THIRD				D. FOURTH			
7				(specify)	7		(specify)

VIII. OPERATOR INFORMATION

A. NAME												B. Is the name listed in Item VIII-A also the owner?												
8	R	E	P	U	B	L	I	C	S	T	E	E	L	C	O	R	P	O	R	A	T	I	O	N

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)												D. PHONE (area code & no.)																	
F - FEDERAL				M - PUBLIC (other than federal or state)				P (specify)				2		1		6		6		2		5		0		0		0	
S - STATE				O - OTHER (specify)																									
P - PRIVATE																													

E. STREET OR P.O. BOX											
P O BOX 6778											

F. CITY OR TOWN												G. STATE		H. ZIP CODE		IX. INDIAN LAND	
B C L E V E L A N D												O H		4 4 1 0		Is the facility located on Indian lands?	
																<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)												D. PSD (Air Emissions from Proposed Sources)											
9 N U H 0 0 0 0 9 5 7												9 P											
B. UIC (Underground Injection of Fluids)												E. OTHER (specify)											
9 U												(specify)											
C. RCRA (Hazardous Wastes)												E. OTHER (specify)											
9 R												(specify)											

XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

XII. NATURE OF BUSINESS (provide a brief description)

Integrated Steel Plant producing plate; zinc coated sheets and coil; bar products; hot-rolled sheet, coil and strip; cold rolled sheets, coil and strip; coke plant by-products

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BY

CR

DATE

12/31/81

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XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)												B. SIGNATURE												C. DATE SIGNED											
P. N. WIGTON, Vice President Steel Operations												P. N. Wigton												11-17-80											

COMMENTS FOR OFFICIAL USE ONLY

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continued from the front.

III. PROCESSES (continued)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE - INCLUDE DESIGN CAPACITY.

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IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER - Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE CODE
POUNDS.....P
TONS.....T

METRIC UNIT OF MEASURE CODE
KILOGRAMS.....K
METRIC TONS.....M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES			
							1. PROCESS CODES (enter)		2. PROCESS DESCRIPTION (If a code is not entered in D(1))	
X-1	K	0	5	4	900	P	T	0	3	D 8 0
X-2	D	0	0	2	400	P	T	0	3	D 8 0
X-3	D	0	0	1	100	P	T	0	3	D 8 0
X-4	D	0	0	2						included with above

EPA I.D. NUMBER (enter from page 1)															FOR OFFICIAL USE ONLY												
<div style="display: flex; justify-content: space-between;"> W H D O O 4 2 1 8 6 7 3 T/A C </div>															<div style="display: flex; justify-content: space-between;"> W DUP T/A C 2 DUP </div>												
IV. DESCRIPTION OF HAZARDOUS WASTES (continued)																											
LINE NO.	A. EPA HAZARDOUS WASTE NO. (enter code)			B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES																					
	23	24	25			1. PROCESS CODES (enter)																					
	26	27	28			29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	F	0	0	1	11	T	S	0	2																		Recycled on coal to coke battery using sludge mill
2	F	0	0	3	15	T	S	0	2																		"
3	F	0	1	7	290	P	S	0	2																		"
4	K	0	8	7	4,140	T	S	0	2																		"
5	K	0	6	2	53,500	T	S	0	2																		"
6	B	0	0	2	300	T	S	0	1	S	0	2															Coke oven gas desulfurization Sludge and liquor.
7																											
8																											
9																											
10																											
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DESCRIPTION OF HAZARDOUS WASTES (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

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EPA I.D. NO. (enter from page 1)

F 0 H D 0 0 4 2 1 8 6 7 3 T/A C 6

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

41 28 01 4

LONGITUDE (degrees, minutes, & seconds)

081 40 00 5

VIII. FACILITY OWNER

☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code & no.)

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

P. N. WIGTON, Vice President
Steel Operations

P. N. Wigton

11-17-80

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

tinued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

EPA I.D. NO. (enter from page 1)

S												T/A C		
F	0	H	D	0	0	4	2	1	8	6	7	3		6

V. FACILITY DRAWING

All **existing** facilities must include in the space provided on page 5 a scale drawing of the facility (*see instructions for more detail*).

VI. PHOTOGRAPHS

All existing facilities must include photographs (*aerial or ground-level*) that clearly delineate all existing structures; existing treatment and disposal areas; and sites of future storage, treatment or disposal areas (*see instructions for more detail*).

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

4	1	2	8	0	1	4
65	66	67	68	69	-	71

LONGITUDE (degrees, minutes, & seconds)

0	8	7	4	0	0	0	
72	-	74	75	76	77	-	79

VIII. FACILITY OWNER

☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER2. PHONE NO. (area code & no.)[illegible]3. STREET OR P.O. BOX4. CITY OR TOWN

5. ST.

6. ZIP CODE[illegible]

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)
P. N. WIGTON, Vice President
Steel Operations

B. SIGNATURE

T. M. Johnston

C. DATE SIGNED

11-17-80

X. OPERATOR CERTIFICATION

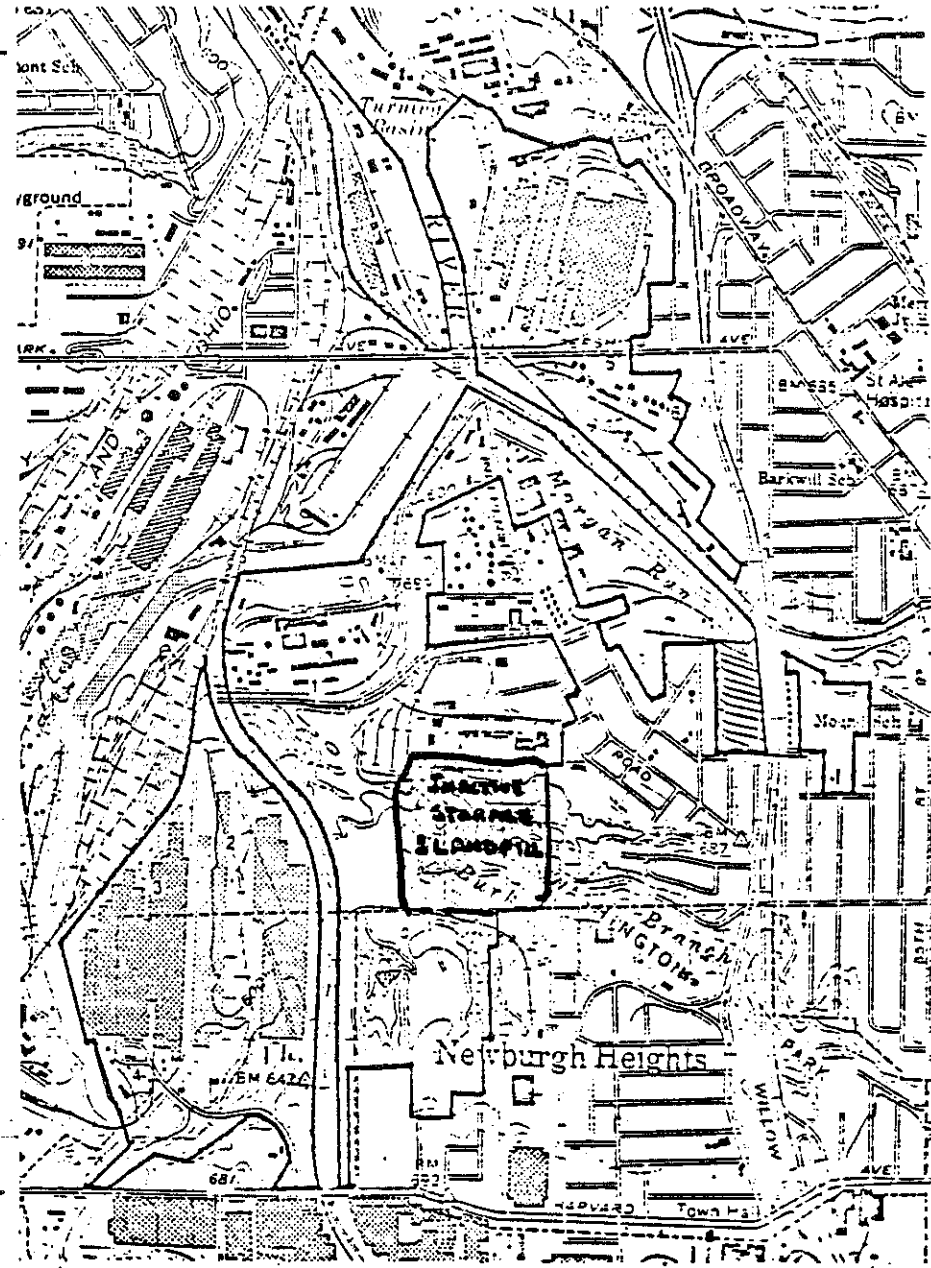
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

01



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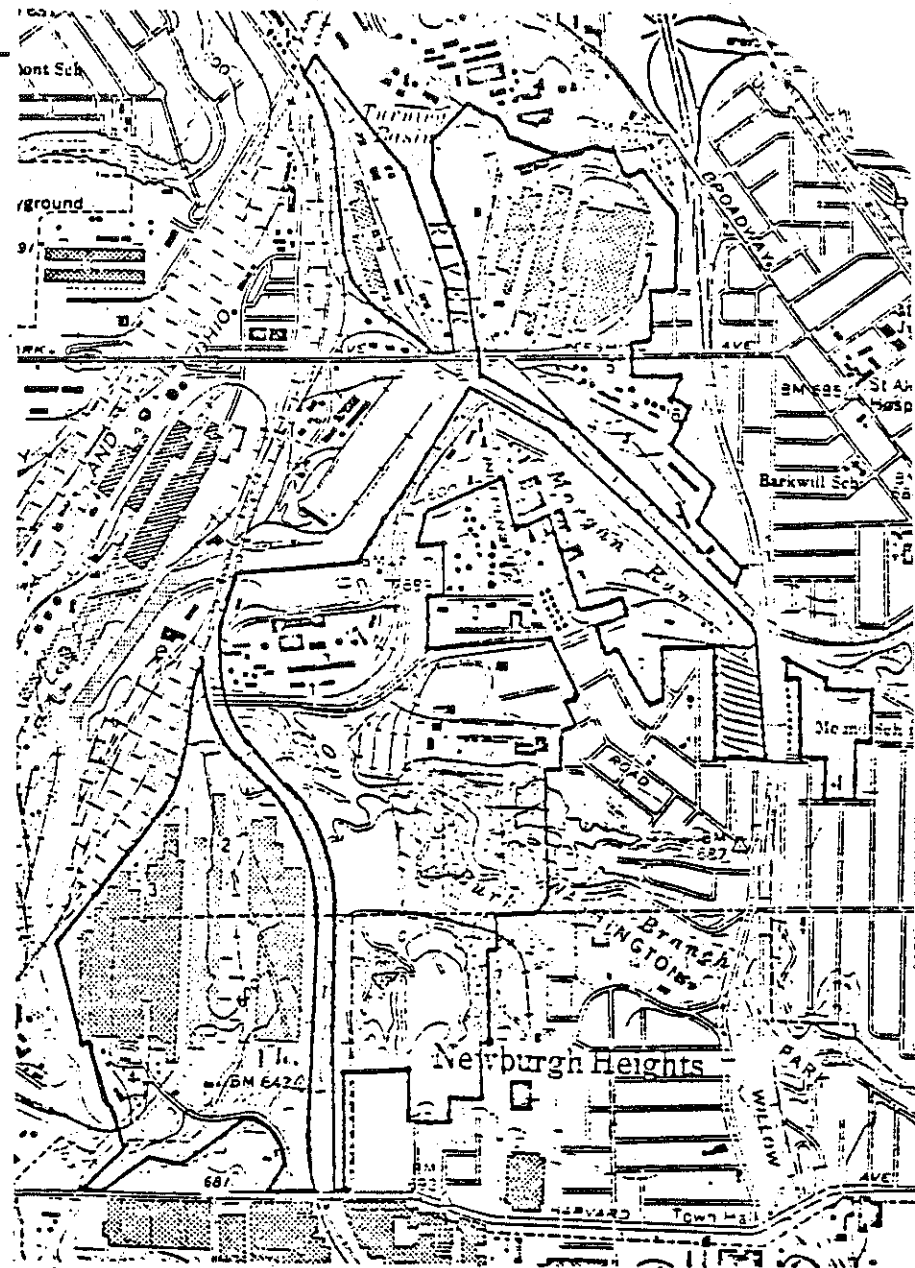
- 1 SLUDGE MILL 11' X 33' 2
- 2 84" PICKLER SPENT PICKLE LIQUOR TANKS AREA 19' X 82'
- 3 98" PICKLER SPENT PICKLE LIQUOR TANKS AREA 23' X 125' 2
- 4 PICKLE RINSE WATER NEUTRALIZATION & OXIDATION TANK AREA 68' X 19' 2
- 5 COKE OVEN GAS DESULFURIZATION:
• DISPOSAL SUMP 12' X 9' 2
• DRUM STORAGE AREA 21' X 9' 2
- 6 COKE PLANT WATER TREATMENT PLANT 182' X 135' 2

Form 3 ITEM IV (PAGE 1 OF 1)

C. 86

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11,340 Ft



8,360 Ft

81-HW-0186

- 1 SLUDGE MILL 11'X33'
- 2 84" PICKLER SPENT PICKLE LIQUOR TANKS AREA 19'X 82'
- 3 98" PICKLER SPENT PICKLE LIQUOR TANKS AREA 23'X 125'
- 4 PICKLE RINSE WATER NEUTRALIZATION & OXIDATION TANK AREA 68'X19'
- 5 COKE OVEN GAS DESULFURIZATION:
• DISPOSAL SUMP 12'X 9'
• DRUM STORAGE AREA 21' X 9'
- 6 COKE PLANT WATER TREATMENT PLANT 182' X 135'

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PUBLIC STIRAL CLEVELAND DISTRICT
FORM 1 Item 81 4 of 4

PAGE 4 OF 4

BY DK EPA Form 551 (10-80) DATE 12/31/81

PAGE 5 OF 5

HAZARDOUS WASTE FACILITY PUBLIC STEEL CORPORATION
APPROVAL BOARD Cleveland District

(See BLACK outlined area.)
Form 1 Item XI.

018

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ASHTABULA CO MI
44° 42' 30" N 81° 00' 00" W

CLEVELAND NORTH 43

40'

122'

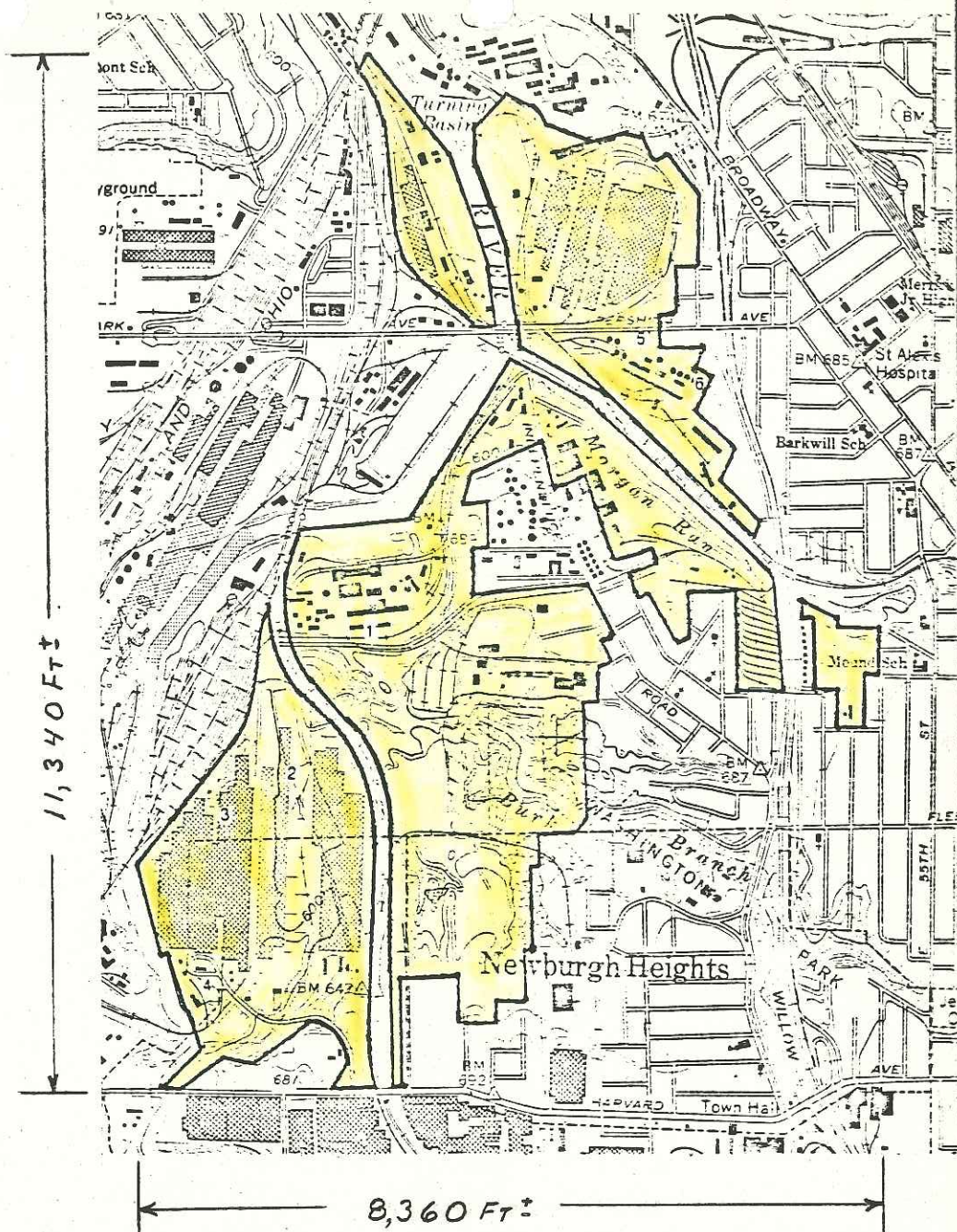


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Newburgh Heights

V. FACILITY DRAWING (see page 4)

319



- 1 SLUDGE MILL 11' X 33' ±
- 2 84" PICKLER SPENT PICKLE LIQUOR TANKS AREA 19' X 82' ±
- 3 98" PICKLER SPENT PICKLE LIQUOR TANKS AREA 23' X 125' ±
- 4 PICKLE RINSE WATER NEUTRALIZATION & OXIDATION TANK AREA 68' X 19' ±
- 5 COKE OVEN GAS DESULFURIZATION:
 - DISPOSAL SUMP 12' X 9' ±
 - DRUM STORAGE AREA 21' X 9' ±
- 6 COKE PLANT WATER TREATMENT PLANT 182' X 135' ±

REPUBLIC STEEL CLEVELAND DISTRICT

FORM 1 Item XI 4 of 4

PAGE 4 OF 4



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

230 SOUTH DEARBORN ST.
CHICAGO, ILLINOIS 60604

27 JUN 1988

REPLY TO THE ATTENTION OF:
5HS-13

CERTIFIED MAIL
RETURNED RECEIPT REQUESTED

L. Aguiar
Superintendent Environmental Control
LTV Steel Company
3100 E. 45th Street
Cleveland, Ohio 44127

RE: Part B Post-Closure Permit Application
LTV Steel Company
OHD 004218673

Dear Mr. Aguiar:

According to our records, your facility is subject to the interim status requirements under Section 3005(e) of the Resource Conservation and Recovery Act (RCRA) as a hazardous waste management facility. Specifically, our records indicate that you submitted a closure plan for your hazardous waste management unit(s), involving closure as a landfill, for approval by the United States Environmental Protection Agency (U.S. EPA). All regulations referred to below are from 40 Code of Federal Regulations (40 CFR).

Any owner/operator of a hazardous waste disposal unit that closes after January 26, 1983, without obtaining a RCRA permit, is required by §270.1(c) to have a permit for any applicable post-closure care period. The facility is responsible for complying with the interim status post-closure requirements of §265.117 through §265.120. In addition, per §264.90(a), as modified by RCRA Section 3005(i), a land disposal unit that receives hazardous waste after July 26, 1982, is a regulated unit and is subject to Part 264 post-closure requirements, including Subpart F, which addresses groundwater protection.

Under the authority of §270.10(e)(4), this is a formal request for submittal of Part B of the permit application for the above-referenced facility, covering specifically the post-closure requirements. If you submitted a Part B application prior to your decision to close the regulated units, then you may revise your Part B application to meet the post-closure requirements rather than the operating standards.

40 CFR §270.14(a) establishes the information requirements for a RCRA Part B permit. However, because of the inherent differences between an operating permit and a permit covering only post-closure activities, some application requirements in §270.14 are not applicable for a post-closure permit. Your facility is required to submit information in the Part B application that is relevant to post-closure care activities. Although informational requirements may be dependent upon site-specific conditions, at a minimum, it should include:

- ° A copy of the post-closure inspection schedule [§270.14(b)(5)];
- ° Floodplain information [§270.14(b)(11)(iii - iv)];
- ° A copy of the post-closure plan [§270.14(b)(13)];
- ° Documentation of the notice in deed or an appropriate alternative instrument [§270.14(b)(14)];
- ° Cost estimate for post-closure and post-closure financial mechanism [§270.14(b)(16)];
- ° A copy of the State financial instrument, if appropriate [§270.14(b)(18)];
- ° Groundwater data and information demonstrating compliance with requirements for detection monitoring, compliance monitoring and corrective action, as applicable [§270.14(c)];
- ° Information on solid waste management units and releases from those units [§264.101];
- ° Financial responsibility for corrective action (if applicable); and
- ° For landfills and surface impoundments, exposure information [§270.10(j)].

As stated above, this list represents the minimum information that needs to be included in the permit application. In some cases, further information may be needed depending on the nature of the facility, waste characteristics and other factors. Please refer to the enclosed RCRA post-closure permit application checklist to help you in preparing a comprehensive and complete permit application. Should you have any questions or concerns in preparing the application, please contact Mr. Robert Swale of my staff, at (312) 886-6591.

Please be reminded that submission of the permit application must be made by November 8, 1988. Upon completion of the application, please send two copies to the U.S. EPA and three copies to the Ohio Environmental Protection Agency.

Please number each page of the application uniquely, including all attachments (maps, specifications, etc.). A certification statement identical to the one stated in 40 CFR §270.11(d) must accompany each application and all additional submittals. Send two copies of the application to the following address:

RCRA ACTIVITIES
Post-Closure Permit Application
U.S. EPA, Region V
Post Office Box A-3587
Chicago, Illinois 60604

Send three copies to: Thomas Crepeau
Ohio Environmental Protection Agency
Division of Solid & Hazardous Waste Management
Post Office Box 1049
Columbus, Ohio 43266-1049

The U.S. EPA looks forward to working with you toward fulfilling the above request. Again, should you have any questions concerning the above matter, please contact us for assistance.

Sincerely,



William E. Muno
Acting Associate Division Director
Office of RCRA

Enclosure: RCRA Post-Closure Permt Application Checklist

cc: Paul Flannigan, OEPA
District Office Manager, OEPA
Ed Lim, OEPA

file Cleveland East

LTV Steel Company



July 7, 1988

Ohio Environmental Protection Agency
Division of Solid and Hazardous Waste Management
1800 WaterMark Drive
Columbus, Ohio 43266-0149

Attn: Mr. Thomas Crepeau
DSHWM

Re: LTV Steel Company, Inc.
Cleveland (East)
OHD 004218673 (Permit 02-18-0186)
Permit Change Request

Dear Mr. Crepeau:

Pursuant to rule 3745-50-51 of the Ohio Administrative Code, LTV Steel hereby requests a permit change request to revise the permit for the subject facility. Specifically, LTV Steel requests that the tank storage unit (S02) used in the recycling of tar decanter sludge be deleted from the existing permit.

The following is a description of the recycling activity:

LTV Steel operates coke plants at its Cleveland Works-East. Each coke plant collects tar decanter sludge (K087) in dumpsters placed on concrete pads directly under the tar decanters. The dumpsters, properly labeled and inspected, are emptied daily into what is called the Coal Tar Sludge Mill Tank (S02 unit). The Coal Tar Sludge Mill Tank is simply a concrete tank which feeds the fluid sludge through a rotary mill onto the belt feeding coal to the coke ovens. The tar decanter sludge is thus recycled directly back to the coke ovens.

The recycling of tar decanter sludge through the coke ovens is consistent with RCRA regulation at 40 CFR 261.2(e)(1)(iii) and the corresponding Ohio regulation at 3745-51-02(E)(1)(c). This regulation identifies materials that are not solid wastes when recycled by being:

1. Returned to the original process from which they are generated without first being reclaimed. There are no residues generated in this recycling process. All of the material is recycled; therefore, there is no reclamation. The material is returned directly back to the coke ovens. The primary or original process can be described as the coke ovens.
2. The material must be returned as a substitute for raw material feedstock. The material is a substitute for the raw material (coal) in the generation of coke, and is returned in the same "stream" as that material. Furthermore, only a small percentage of the total raw material stream will be recycled material.

3. The process must use raw materials as principal feedstock. "Secondary materials" are not used to generate coke. Primary raw materials are used as the principal feedstock to produce coke.

The preamble to the January 4, 1985 promulgation for recycling requirements specifies that "sham recycling" applies to the recycling of "secondary materials used to make new products or used as a substitute for commercial products." LTV Steel has, therefore, applied the following sham recycling indicators (50 FR 638) to the subject process:

1. The activity is not recycling but surrogate disposal. The materials recycled are chemically identical to the materials needed and currently used in the production of coke. These are not surrogate materials or surrogate disposal.
2. Used in excess of the amount necessary for operating a process. There is no excess use; all recycled materials will be effective in producing a useful product.
3. The materials are not as effective as what they are replacing. Both the tar materials and carbon materials from the recycled secondary materials will be as effective as the materials from the original process.
4. Absence of records regarding the recycling transaction. Specific records are maintained for each gallon of secondary material recycled.
5. Not handled in a manner consistent with use as raw materials. The materials are returned to the coke batteries. There are no materials "lost" to the environment.

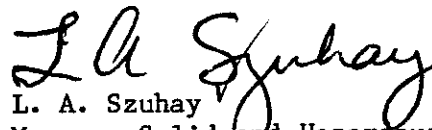
When recycled, coke and coal tar from the iron and steel industry is not subject to regulation under Parts 262 through 266 or Part 270 per 40 CFR 261.6(a)(3)(vii) (and analogous Ohio Regulations).

Since the recycling activity involves materials that are not solid wastes, LTV Steel respectfully requests that the tank unit (S02) used for the recycling of tar decanter sludge be deleted from the RCRA permit.

Finally, note that Ohio EPA reviewed the recycling of K087 at the LTV Steel Company, Inc. Warren Plant, and approved a similar recycling plan in a letter dated September 9, 1986. I trust that this information is sufficient for evaluation of the tar decanter sludge recycling activities at the Cleveland East plant.

Should you have any questions or require anything additional, please contact me.

Sincerely,



L. A. Szuhay
Manager-Solid and Hazardous Waste
Environmental Control

LAS/fh
Enclosure
cc: (next page)

cc: Ms. Francine Norling
U.S. EPA Region V, Chicago

Mr. Kris Coder
Ohio EPA, NEDO

Mr. Ed Lim
Ohio EPA, Columbus

4155a

LTV Steel Company
Cleveland (OH) Works
OHD 004218673
Permit 02-18-0186

Certification Statement

I certify under penalty of law that the Cleveland Works' tar decanter sludge tank storage unit (S02) has been used for recycling activity since November 17, 1980. Based upon my inquiry of the person or persons who manage the facility, or those persons directly responsible for gathering information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

W G Wiley, Jr.
W. G. Wiley, Jr.

Vice President-Flat Rolled & Bar Products
Title

7/11/88
Date

LTV Steel Company

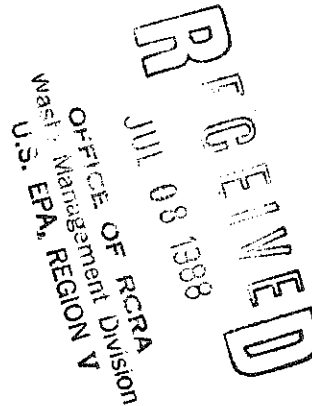


July 6, 1988

U.S. Environmental Protection Agency
Region V
230 S. Dearborn Street
Chicago, Illinois 60604

Attn: Mr. William E. Muno, 5 HS-13

Re: LTV Steel Company
Cleveland Works - East
OHD 004218673



Dear Mr. Muno:

This letter is in response to your Request for Part B Post-Closure Permit Application dated June 27, 1988 and confirms the telephone conversations with Mr. Robert Swale and Ms. Francine Norling of your staff.

LTV Steel has never owned or operated a RCRA land disposal unit at the above referenced facility. In fact, the only RCRA units existing at Cleveland Works-East (OHD 004218673) are storage tanks (S02) and a storage container (S01).

Please contact me if you have any questions or require anything additional.

Sincerely,

L. A. Szuhay
Manager-Solid and Hazardous Waste
Environmental Control

LAS/fh

Attachment

cc: Ms. Francine Norling ✓
U.S. EPA Region V, Chicago

Mr. Ed Lim
Ohio EPA, Columbus

4152a



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

230 SOUTH DEARBORN ST.

CHICAGO, ILLINOIS 60604

27 JUN 1988

REPLY TO THE ATTENTION OF:

5HS-13

CERTIFIED MAIL
RETURNED RECEIPT REQUESTED

L. Aguiar
Superintendent Environmental Control
LTV Steel Company
3100 E. 45th Street
Cleveland, Ohio 44127

RE: Part B Post-Closure Permit Application
LTV Steel Company
OHD 004218673

Dear Mr. Aguiar:

According to our records, your facility is subject to the interim status requirements under Section 3005(e) of the Resource Conservation and Recovery Act (RCRA) as a hazardous waste management facility. Specifically, our records indicate that you submitted a closure plan for your hazardous waste management unit(s), involving closure as a landfill, for approval by the United States Environmental Protection Agency (U.S. EPA). All regulations referred to below are from 40 Code of Federal Regulations (40 CFR).

Any owner/operator of a hazardous waste disposal unit that closes after January 26, 1983, without obtaining a RCRA permit, is required by §270.1(c) to have a permit for any applicable post-closure care period. The facility is responsible for complying with the interim status post-closure requirements of §265.117 through §265.120. In addition, per §264.90(a), as modified by RCRA Section 3005(i), a land disposal unit that receives hazardous waste after July 26, 1982, is a regulated unit and is subject to Part 264 post-closure requirements, including Subpart F, which addresses groundwater protection.

Under the authority of §270.10(e)(4), this is a formal request for submittal of Part B of the permit application for the above-referenced facility, covering specifically the post-closure requirements. If you submitted a Part B application prior to your decision to close the regulated units, then you may revise your Part B application to meet the post-closure requirements rather than the operating standards.

RECEIVED

JUN 30 1988

ENVIRONMENTAL CONTROL

40 CFR §270.14(a) establishes the information requirements for a RCRA Part B permit. However, because of the inherent differences between an operating permit and a permit covering only post-closure activities, some application requirements in §270.14 are not applicable for a post-closure permit. Your facility is required to submit information in the Part B application that is relevant to post-closure care activities. Although informational requirements may be dependent upon site-specific conditions, at a minimum, it should include:

- ° A copy of the post-closure inspection schedule [§270.14(b)(5)];
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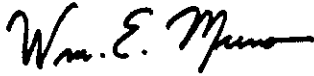
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Sincerely,



William E. Muno
Acting Associate Division Director
Office of RCRA

Enclosure: RCRA Post-Closure Permt Application Checklist

cc: Paul Flannigan, OEPA
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Ed Lim, OEPA